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DORCA II Computer Program

Volume III: Program Listing

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Prepared by JAMES B. CAREY Information Processing Division

31 August 1972

Prepared for OFFICE OF MANNED SPACE FLIGHT
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Washington, D. C.

Contract No. NASw-2301



Systems Engineering Operations
THE AEROSPACE CORPORATION

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DORCA II COMPUTER PROGRAM Volume III: Program Listing

Prepared by

James B. Carey
Vehicle Analysis Programming Department
Information Processing Division
Engineering Science Operations

31 August 1972

Systems Engineering Operations THE AEROSPACE CORPORATION El Segundo, California

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Report No. ATR-73(7315)-1, Vol. III

DORCA II COMPUTER PROGRAM Volume III, Program Listing

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James B. Carey

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Approved by

G. W. Timpson, Head

Vehicle Analysis Programming Dept.

Mathematics & Programming

Subdivision

Information Processing Division

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Robert R. Wolfe, Director

Operations Office

Advanced Vehicle Systems

Directorate

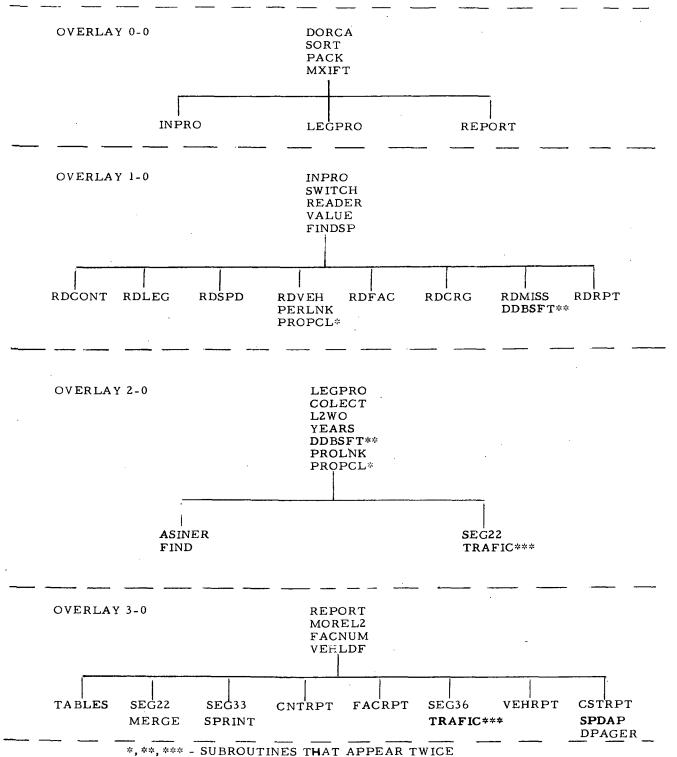
Systems Planning Division

ACKNOWLEDGEMENT

I wish to acknowledge all the people who worked so long and hard to make DORCA II a success.

- D. L. Bishop
- N. R. Campbell
- N. Dubos
- R. Fires
- B. J. Gold
- C. L. Herring
- C. F. Huff
- V. N. Huff
- B. C. Parfet
- F. M. Perkins
- J. W. Portela
- R. E. Shumway
- L. T. Stricker
- G. W. Timpson
- L. R. Whittaker
- R. R. Wolfe
- S. T. Wray, Jr.

AN OVERVIEW OF AN OVERLAY STRUCTURE



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FO 80 Z=1,NP
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               3/(I+f) =fI
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                                                                                    :F (J-I.SE.11) GO TO 7:
F (I.ZO.II) GO TO 60
                                                                                                                                                                                             IF (MARK.NE. 2) 60 TO 250
                                                                                                              F (I.EQ.J) 50 TO 170
                                                                                                                                                                         F (K.EQ.0) GO TO 190
                                                                 TE (M.EQ.C) GO TO
                                                                                                                                                      A.(Z,K+1)=A(7,K)
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                                                                                                                                         DD 220 7=1,NR
                                                                                                                     =A(N, I+1)
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ر د	PACK (V,NBITS,PW,B) HTMDST NBITS BITS OF VARIABLE V AND INSERT THEM INTO	PACK	0 m
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<u>ر</u>	TOTAL TOTAL TO KINE	7 Q	ი დ
, ი		PACK	~
<u>د</u> د	ON A JNIVAC PACK AND MXIFT ARE REPLACED BY THE FOLLOWING CARDS	E023	
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	ASK=-4XIFT(PACK	10
	V=MASK.AND.V	PACK	11
	SHIFT=36-NBI	PACK	12
	F (LS4IFT.GT.	PACK	13
	S=-MXIFT (MAS	PACK	14
	MIDM. MOIN	PACK	15
	M-DW.OR.M	PACK	16
	ETURN	PACK	17
ပ		PACK	18
	NTRY UNPACK	PACK	19
ပ	T NBITS BITS OF V	٥	20
ပ	HEM INTO V, RIGHT ADJUSTE	PACK	21
ပ		PACK	22
	ASK=-MXIFT (77	PACK	23
	SHIFT=8+NBITS-36	PACK	57
	H	PACK	25
	=IABS(MASK.A	PACK	56

27 28 28

ACK ACK

> RETURN END

MXIFT

62	30	3	32	33			36		38	
PACK	PACK	PACK	PACK	PACK	PACK	PACK	PACK	PACK	PACK	
			1			o				1 SYMBOLS 3 REFERENCES
RUN COMPATABLE		42/5LMXIFT,18/2						(IFT		10 STATEMENTS 21 SECONDS
MXIFT	MXIFT	42/5LMXI	+	82	81	x2	X3,83	80,80,MXIFT		10 0.021
IDENT	ENTRY	VFD	BS S Z	SA2	SA3	583	L×6	in G	01	AGE USED EMBLY
			MXIFT	ı					ENO	21200 LGM STORA(7600 ASSE
		15301106243030000002		56220	56310	63320	22633	3 040000001		21200
		0 15	-	2 56				3 04	t	

UTINE INPRO	PRO
OMMON /CONT/ NCONT, NCTMAX, TSCONT(8, 20)	ABEL 1
OMMON /LESS/ NLES,NLSMAX,TBLES(12,63),LAST	BEL 1
OMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, N	RELABEL1
(20), NOVEH, VEH(30)	ABEL 1
OMMON /SPDS/ NSPO,NBSPO,NLSPO,1BS	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	ABEL 1
OMMON /CRGS/ NCE, NWCE, NBCE, NLC	BEL 1
OMMON /LCLF/ LCE, LFAG	ABEL1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL 11
OMMON LAISS/ LNGTH, NUMISS, NBMISS, NLM	ABEL 11
OMMON ZODBS/ NDD3,NWDD8,NBD08,NLDD8,MD	ABEL 11
OMMON /IVA/ MIVA, NIVA, IVA(250)	BEL11
OMMON /IFA/ 4IFA, NIFA, IFA (6.30	ABEL 11
OMMON /FIBL/ MTBL, NTBL, NIBL	ABEL 11
OMMON /KEL/ KEL	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF,	ABEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NIYRS(30), RLDATE, IRE	DTLABEL11
OMMON /MISC/ IFLAG(23), LOWCOR, JERR, CARD(16), LINE(33), IPROP, J	P, LABEL 11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWP	JLABEL 12
LAS, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAX CGN, IPL	SLABEL 12
PR, L140T, L1BUC, LIML	E0230
	ABEL 12
INTEGER FYEAR	ABEL 12
	ABEL 12
COMMON DDB(1)	ABEL 12
	ABEL 12
DIMENSION DB(1), IDDB(1), IDB(1)	ABEL 12
	ABEL 12
QUIVALENCE (008(1),08(1),1008(1),108(1))	ABEL 13
EQUIVALENCE (OFFLOD, KOPT(1)), (BASE, KOPT(2)),	ABEL 13
LVEH, KOPI(4)), (CONTRE, KOPI(5)), (ICAP, KOPI(6)	BEL 13
	ABEL 13
	ABEL 13
NAME (2), CASUC (2)	NPRO
QUIVALENCE (C	NPRO
,	a . c
AIA INII/U/	044
IF (INIT.NE.0) PRINT 60, CARD	N 7 7 0
F (INIT.NE.0) GO TO 2	0

0 0 0 0 0

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IF (CASUC(1).EQ.6HCOST ) GO TO 10
IF (CASUC(1).EQ.6HCOST ) GO TO 10
IF (NAME(1).NE.6HPROGRA) GO TO 50
CALL RDMISS
IF (NAFAC.EQ.1) CALL RDFAC
IF (NAFAC.EQ.2) CALL RDCRG
IF (NAFAC.EQ.1.OR.NAFAC.EQ.2) SO TO 40
                                    IF (CASUC(1).EQ.6HTABLE ) GO TO 30
IF (CASUC(1).EQ.6HCONTAI) CALL RDCONT
IF (CASUC(1).EQ.6HLEG ) CALL RDLEG
IF (CASUC(1).EQ.6HSPREAD) CALL RDSPD
                                                                                                                               CALL RDVEH
CALL RDFAC
                                                                                                                               IF (CASUC(1).EQ.6HVEHICL)
IF (CASUC(1).EQ.6HFACILI)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FORMAT (1H ,8(A6,A4))
                INIT=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         END
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	SWITCH (N)	SWITCH 2
	OMMON ACONIA NCONIANCIMAXAIBCONICAACO	ABELI
	OMMON /LEGS/ NLEG,NLGMAX, TBLEG(12,63), LASTLG	LABEL1
	OMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH(5, 31), NPREF, V	BEL 1
	(20), VOVEH, VEH (30	ABEL 1
	OMMON /SPUS/ NSPO,NBSPO,NLSPO,	BEL 1
	OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	ABEL1
	OMMON /CRSS/ NGE, NWCE, NBCE, NLC	ABEL 1
	DMMON /LCLF/ LCE, LFAC	ABEL 1
	OMMON /PROG/ PNAME (3,63), NPROG, MNAME (3	ABEL11
	OMMON /MISS/ LNSTH, NWMISS, NBMISS, NLMIS	ABEL 11
	OMMON /DDBS/ NDDB,NWDDB,NBDDB,NLDDB,MD	ABEL 11
	OMMON /IVA/ MIVA, NIVA, IVA(250)	BEL11
	OMMON /IFA/ MIFA, NIFA, IFA (600	ABEL 11
	OMMON /FIBL/ MIBL, NIBL, NIBL	ABEL 11
	OMEON /KEL/ KEL	ABEL 11
	OMMON /MAXS/ MAXA, MAXC, MAXF, M	ABEL 11
	OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IRE	OTLABEL11
	OMMON /MISE/ IFLAG(23), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPR	P, LABEL 11
	ITBCNI, PROPUP, NVM AX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWP	LABEL 12
	FLAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, 177, J77, KOPT (10), MAXCSN, IPLTP, M	LABEL 12
	R.LIWOT.LIBUG.LIML1	ED230
ပ		ABEL 12
	INTEGER FYEAR	ABEL 12
ပ		ABEL 12
	COMMON DDB(1)	ABEL 12
ပ		ABEL 12
	DIMENSION 38(1), I003(1), ID8(1)	LABEL128
ပ		ABEL 12
	QUIVALENCE (008(1),08(1),1008(1),108(1))	LABEL13
	LOD, KOPT(1)), (BASE, KOPT(2)),	BEL 13
	LVEH, KOPT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6)	ABEL 13
ပ		ABEL 13
ပ		ABEL13
,	F (N. E.LCE) G	MITCH
	BCE+(N-1) +NWC	ITCH
	=NBCE+LCE*NWG	MITCH
	ALL JNPACK (ICA	MITCH
	0 10 I=1,NWC	MITCH
	INE(I)=I08()	MITCH
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SWITCH29
         SWITCH11
                    SWITCH12
                                SWITCH13
                                          SWITCH14
                                                     SWITCH15
                                                                 SWITCH16
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                                                                                                                                                       SWITCH24
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                                                                           SWITCH17
                                                                                                                       SWITCH21
                                                                                                                                  SWITCH22
                                                                                                                                                                                         SWITCH27
                                                                           30
                                                                          IF ((I)B(J+1),EQ,IDB(M+1)),AND,(IDB(J+2),EQ,IDB(M+2))) 30 TO
                                                                                                                                                                                                    CALL PACK (LFAC, 12,003(J+6),0)
                                         IF (ICAT.NE.3) 30 TO
                                                                                                                       LEVBFAC+LFAC+NWFAC-1
                                                                00 20 IFAC=1,NFAC
                                                                                                                                                        ID3(L+1) = ID8(M+1)
IO3(J+I)=IO3(K+I)
         ID3(K+I)=[INE(I)
                                                                                                                                            LINE(I)=IÓB(L+I)
                                                                                                                                                                   ID3 (M+I) = (INE(I)
                                                                                                                                  DO 40 I=1,NWFAC
                                                                                                                                                                                         LFAG=LFAC+1
                                LCE=LOE+1
                                                                                      MHM + NAHAC
                                                      M=NBFAC-1
                                                                                                            CONTINJE
                     CONTINUE
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                                                                                                  STOP 7
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TINE READER	READER 2
OMMON /LEGS/ NLEG, NLGMAX, TBLEG (12,63), L	AEEL 1
OMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHM	RELAEEL1
(20),NOVEH,VEH(30)	EEL1
CMMCN /SPOS/ NSPO,NBSPO,NLSPO,T	EEL 1
OMMON /FACS/ NFAC, NW FAC, NB FAC, NL FA	ABEL 1
OMMON /CRGS/ NCE, NKCE, NBCE, NLC	AEEL 1
OMMON /LCLF/ LCE, LFAC	EEL1
OMMCN /PROG/ PNAME (3,63), NFROG, PNAME (3	ABEL 11
OMMON /MISS/ LNG1H,NWMISS,NBMISS,NLM	AEEL11
OMMON /DDBS/ NDDB,NWDDB,NBCDB,NLDDB,MD	AEEL 11
OMMON /IVA/ MIVA, NIVA, IVA(250	EEL11
OMMON /IFA/ MIFA, NIFA, IFA(60	ABEL 11
OMMON /FIBL/ MIBL, NIBL, NIBL	ABEL11
DMMON /KEL/KEL, NSW	RI011
OMMON /MAXS/ MAXA, MAXC, MAXF, MAX	AEEL11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IR	OTLABEL11
CMMCN /MISC/ IFLAG(20), LCWCOR, JERR, CARD(16), LINE (33), IPROP, JP	P,LAEEL11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NL N, NNPL, MWP	, JLABEL 12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KCPT (10), MAXCGN, IPLTP,	XSLABEL 12
PR, LIMOT, LIBUC, LIML1	EC230
	ABEL 12
INTEGER FYEAR	AEEL 12
	EEL12
COMMON DDB(1)	ABEL 12
	APEL 12
DIMENSION D8(1), IDD8(1), IDB(1)	AEEL 12
	AEEL12
ALENCE (008(1),08(1),1608(1),108(1))	LABEL13
EQUIVALENCE (OFFLOD, KOPT(1)), (BASE, KOPT(2)),	ABEL13
LVEH, KOPI(4)), (CONTRE, KOPI(5)), (ICAP, KCPI(6)	ACCL13
	ACCL 13
STATED (01) ATOM HONDE MAIN TO MOST (08) CANO O	FADER
MI FORM CHANGE JOHN JULIAN JULIAN CHANGE AND	EADER
ATA BLANK, IRPT, ICOM /1H ,0,0/	WEC130
ATA OPTN/64PROPEL,44BASE,64DEPLCY,64CALVEH,64CONTAI,64CARGO	9/READER
OHFULL 1,6HUFF=LO,4,6HUFFUE ,6HGKUUND,4,6HHULLIM,6HU AL.6HAUTOMA.5HPRIMI.6HREIURN.6HEXPENC.9,6HASSIGN.6HC	GLREAUER Tureader

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61 61 115

106 107 111 111 120

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READER49
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          WED130
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FRI011
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                                                                                                                                           280
                                                                                                                                                     290
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                                                                                                                                                                                                                                                                                                                                                                                                                     (CARD(3).NE.OPTN(I)) GC TO 170
                     GC TO 100
                                                                                                                                                                                                                                                                                                                                                                         IF(CARD(3).EQ.6HENGLIS)G=32.174
                                                                                                                                                                                                                                                                                                                                                                                    IF (CARD (3) .EQ. 6HMETRI C) G=9. 8066
                                                                                                                                                                                                         G0 T0
          (CARD(1) .NE.5HPRINT) ICOM=0
                                                                                                                                                               PRINT
                                                                                                                                                                                               PRINT
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                                                                                                                                                                          PR INT
                                                                                                                                PRINT
                                                                                                                                                     PRINT
                                                                                                                                                                                    PRINT
                                           000
                                                                                                                                                                                                                                                                                                                                                                IF (NSW.EQ.1) PRINT 260, CARD
                                                                                                                                                                                                                                                                                                          (NSK.EQ.1) PRINT 260, CARD
                                                                                                                                                                                                                                                                                                IF (ITEST .NE.BLANK) GO TO 20
                                                                                                                                                                                                                                                                                    DECODE (1,270,CARD(1) )ITEST
                                           2
DECCDE(80,240,LINE) CARD
                                                                                                                                                                                                                               IF (IRPT.EO.1) PRINT 280
                                                                                                           (CARD(1) . EQ. 6HOP TI ON)
                                                                                                                               CARD(1) . EQ. 6HTABLE )
                                                                                                                                          CARD(1) . EQ. 6HPROGRA)
                                                                                                                                                     (CARD (1) . EQ. 6HELEMEN)
                                                                                                                                                                          (CARD(1) .EQ. EHSCHEDU)
                                                                                                                                                                                    (CARD(1).EQ.6HSATELL)
                                                                                                                                                                                                CARD(1) . EQ . 6HCOUPLE)
                                                                                                                                                                                                          (CARD(1).NE.6HREPORT)
                                                                                                                                                                CARD(1) . EQ . 6HFACILI)
                                          IF (CARD(3).EQ.2HON) GO
                                                                                                                     (NSW.NE.1) GO TO 120
                    IF (CARD(1).NE.5HPRINT)
                                                                                                                                                                                                                                                     IF (IPREF, E0.1) GO TO
                                PRINT 260, CARD
                                                                                                                                                                                                                                         PRINT 260, CARD
                                                                                                                                                                                                                                                                                                                                                                                                         DO 170 I=1,10
                                                                                                                                                                                                                                                                                                                                                                                                                               160 J=1,3
                                                                                                                                                                                                                     IRPT=IRPT+1
                                                               GO TO 10
                                                                                                GO TO 10
                                                                           CONTINUE
                                                                                                                                                                                                                                                                          CCNTINUE
                                                                                                                                                                                                                                                                                                                                G OPTION CARD
                                                                                                                                                                                                                                                               RETURN
                                                      O = MSZ
                                                                                     NSM=1
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	0 9 20	GO TO 10 GO TO 10 CONTINUE JERR=JERR+1 IF (NSW.EQ.0) PRINT 260, CARD PRINT 340 GO TO 10 CONTINUE TE (NSW.FO.0) PRINT 260, CARD	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	⊢	ST OF PREFERENCE VEHICLE CONTINUE IF (NSW.EQ.1) PRINT 29 READ 240, CARD IPREF=0 IF (CARD(1).EQ.6H GO TO 20	E FOERS E BOERS E BOERS E BOERS E BOERS
IST OF PREFERENCE VEHICLES READER9 CONTINUE IF (NSW.EQ.1) PRINT 290, CARD READ 240, CARD READE10 OFFICE O		ONTINUE 0 210 I=1,NVEH 0 210 I=1,NVEH P=I F ((CARD(3).EQ.TBVEH(1,I)).AND.(CARD(4).EQ.TBVEH(2,I))) GC TO ONTINUE ERR=JERR+1 F (NSW.EQ.0) PRINT 260, CARD RINT 320	READE10 READE10 READE10 READE11 READE11 READE11 READE11
IST OF PREFERENCE VEHICLES READER	0 0	P P P P P P P P P P P P P P P P P P P	E A D E 11 E A D E 11 E A D E 11 E A D E 11 E A D E 12 E A D E 12 E A D E 12 E A D E 12

115		Y=YEAR-RLUAIE	E AO
4		F ((IY.LT.0	E 40E 12
8		Y=MAXO(0,IY)	EADE 12
M		Y=MIN0 (500, IY	EADE 12
M		ALL PACK (IY,	EADE 12
M		EAR=RLDATE+499	EADE 12
4		ALL VALUE (CA	EADE13
4		Y=YEAR-RLDATE	EADE13
4		F ((JY.LT.IY	EADE13
9		Y=MAXO(IŸ,JY	EADE 13
9		JY=MIN0 (500, JY	EADE 13
9		ALL PACK (JY, 9, VPREF	EADE 13
1		F ((IERR.LE.0).AND.(KERR	EADE13
0		ERR=JERR+1	EADE 13
S 0 3		W. EQ	EAUE13
┥		RINT 31	EADE 13
-1		0 TC 19	EADE14
	ပ		EADE 14
	ပ		E1
	ပ		EADE 14
	4	CRMAT (8 (A6	EADE14
	5	ORMAT (80A	RI0111
	9	DRMAT (1X,80	EADE 14
	~	ORMAT (A1,5X)	EADE 14
	280	ORMAT (1H1)	EADE 14
	9	ORMAT (1H0,8(A6,A4))	EADE 14
	0	ORMAT (44HOTOO MANY	EADE 15
	4	ORMAT (6X, 78HPRECEDING E	EADE 15
		RROR IN ONE OR BOTH DATES)	EADE1
	320	FORMAT (6X,73HPRECEDI	EADE 15
		RROR IN VEHICLE NAME)	EADE 15
	330	FORMAT (6X,38HPRECEDING CPTION CARD MAS ILLEGAL	E ADE 1
	Ŧ	ORMAT (6X, 39HPRECEDING CPTION CARC HAS ILLE	EADE 15
517			READE157

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                                                                                                                                                                                                                           VALUE
                                                                                                 REPACK CHARACTERS RIGHT-ADJUSTED IN FIELD OF 10 CHARACTERS.
                                                                                                                                 ENCODE (10,70,P) (C(I),I=N1,NL)
                       IF (C(1), EQ, CL(J)) 60 TO 50
                                                                                                                          ENCODE (P, 76) (G(I), I=N1, NL)
                                       IF (C(I).NE.1H.) GO TO 40
                                                        50
                                                       IF (NDP.EQ.1) 30 TO
                                                                                                                                                 DECODE (10,80,P) V
                                                                                                                                                                                                                   (F10.0)
                                                                                                                                         DECODE (P,80) V
       DO 50 I=NF, NL
                                                                                                                                                                                                           (10A1)
               DO 30 J=1,10
                                                1+dCN=dQN
                               CONTINUE
                                                                IE3R=I-9
                                                                         GO TO 60
                                                                                CONTINUE
                                                                                                                                                                  CONTINUE
                                                                                                                 N1=NL+3
                                                                                                                                                                                                           FORMAT
                                                                                                                                                                                                                   FORMAT
                                                                                                                                                         IERR=0
                                                                                                                                                                          RETURN
                                                                                                                                          CVAC
                                                                                                                           CVAC
20
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LABEL110
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                                                                                                                                                                                                                                                                                                                                                                                                  /MISC/ IFLAS(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, LABEL119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LABEL124
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                                                                                                                                                                                                                       L A BEL 111
                                                                                                                                                                                                                                                                 LABEL113
                                                                                                                                                                                                                                                                                                                                                      L A B E L 117
                                                                                                                                                                                                                                                                                                                                                                           /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IRELOTLABEL118
                                                                                                                                                                                                                                                                                                                                                                                                                      IITBCNT, PROPUP, NVMAX, NËWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JLABEL 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LABEL 123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LABEL 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (CL ABEL 131
                                                                                                                                                                                                                                                                                                                                                                                                                                            PFLAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, I77, J77, KOPT (10), MAXCGN, IPLTP, MAXSLABEL 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WED230
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  FINDSP
                                                                                                                                 LABEL 1
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                      LABEL1
                                           LABEL 1
                                                                COMMON /VEHS/ NVEH,NWVEH,NBVEH,NLVEH,NVHMAX,T3VEH(5,31),NPREF,VPRELABEL1
                                                                                       LABEL 1
                                                                                                            LABEL1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (OFFLOD, KOPI(1)), (BASE, KOPI(2)), (SINDEP, KOPI(3)),
                                                                                                                                                                                                  PNAME (3,63), NPROG, MNAME (3,63), NMISS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ALVEH, KOPT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6))
                                                                                                                                                                                                                                          NDO8, NWDO8, NBDD8, NLDD8, MDD8, NBLK
                                                                                                                                                                                                                                                                                                            FIBL / MIBL, NTBL, NTBL1, NTBL2, NFTBL (200)
                                           /LEGS/ NLEG,NLGMAX, TBLEG(12,63), LASTLG
                                                                                                           COMMON /SPOS/ NSPO,NBSPO,NLSPO,18SPO(3,20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EQUIVALENCE (008(1),03(1),1008(1),108(1))
                                                                                                                                                                                                                      LNGTH, NWMISS, NBMISS, NLMISS
                     COMMON /CONT/ NCONT, NCTMAX, TBCONT(8, 20)
                                                                                                                                NFAC, NWFAC, NBFAC, NLFAC
                                                                                                                                                                                                                                                                                                                                                      /MAXS/ MAXA, MAXC, MAXF, MAXI
                                                                                                                                                    NCE, NWCE, NBCE, NLCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DIMENSION DB(1), IDDB(1), IDB(1)
                                                                                                                                                                                                                                                                MIVA, NIVA, IVA (250)
                                                                                                                                                                                                                                                                                     /IFA/ MIFA, NIFA, IFA (600)
SUBROUTINE FINDSP (NAME, IPT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IF (NAME(1). EQ. 1HO) RETURN
                                                                                                                                                                           LCE, LF AC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SPR, L1WOT, L1BUC, LIML1
                                                                                     F(20), NOVEH, VEH(30)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DIMENSION NAME(2)
                                                                                                                                                                                                                                                                                                                                  /KEL/ KEL
                                                                                                                                                                         /LCLF/
                                                                                                                                                                                                  /PR06/
                                                                                                                                                                                                                      /SSIW/
                                                                                                                                 FACS/
                                                                                                                                                                                                                                           '2000'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INTEGER FYEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INTEGER TBSPD
                                                                                                                                                      /CRGS/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMMON DDB(1)
                                                                                                                                                                                                                                                                /IVA/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EQUIVALENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DATA ONE/1./
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                                           COMMON
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FINDSP10 FINDSP11	INDSP12	FINDSP13	FINDSP14	FINDSP15	CNOSP16	FINOSP17	INDSP18	CNDSP19	INDSP20	INDSP21	INDSP22	INDSP23	INDSP24	INOSP25
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		٠			•								AVAIL'ABLE , A6, A4, 2H**)	
) RETURN	,I)) 30 TO 10	09						,2)					3H**NO SUCH SPREAD TABLE AV	
IF (NAME (1) . EQ. 6H) RE DO 10 I=1, NSPD	F (NAME(1).NE. TASPO (1	F (NAME(2) . NE. TBSPD (2	PT=T8SP0(3,1)	ETURN	ONTINUE		ERR=JERR+1		ETURN				FORMAT (2X, 33H**NO SUG	END
70				u.	10 . (_	,			ు	U	ပ		
11	13	16	20	21	22	25	56	27	S					37

RDCONT	RDCONT 2
CHECK A PROPERTY NOTES OF TAXABLE CONTROL OF TAXABL	ABEL 1
ONTO A VERSO, MERONARO MANERARES VERSONALES	LABEL1
(20), NOVEH, VEH(30)	LABEL 1
COMMON /SPDS/ NSPD,NBSPD,NLSPD,	BEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	BEL1
OMMON /CRGS/ NCE, NWCE, NBCE, NLC	BEL 1
OYMON /LCLF/ LCE, LFAC	ABEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	BEL 11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	BEL 11
OMMON /ODBS/ NDD3,NWDD8,NBDD8,NL	BEL 11
OMMON /IVA/ MIVA,NIVA,IVA(250	BEL 11
OMMON /IFA/ MIFA, NIFA, IFA (600	ABEL 11
OMMON /FIBL/ MTBL, NTBL, NTBL	BEL11
OMMON /KEL/ KEL	A3EL11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	BEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IRE	LABEL11
OMMON /MISC/ IFLAS(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPRO	LABEL11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL,	LABEL 12
FLAG, NAFAC, NOSF, NOSC, IGNT, L2MOT, 177, J77, KOPT (10), MAXGGN, IPLTP, MAX	ABEL 12
R, LIWOT, LIBUC, LIML1	ED230
	ABEL 12
INTEGER FYEAR	BEL12
	EL 12
COMMON DDB(1)	ABEL 12
	ABEL 12
DIMENSION 98(1), I008(1), ID8(1)	ABEL12
	8EL 12
QJIVALENCE (308(1),08(1),1008(1),108(1))	LABEL 13
EQJIVALENCE (OFFLOD, KOPI(1)), (3ASE, KOPI(2)),	LABEL13
LVEH, KOFI(4)), (CONIKE, KOFI(5)), (ICAF, KOFI(6))	113 113
	ABEL 13
NTEGER ONE, TWO, FOUR, B, TBCONT, PROPUP, NAME (2), CAPAC (2), PENAL (2), CL	DCONT
S(2), volume(2)	DCONI
EQJIVALENCE (GARD(1), NAME(1)), (CARD(3),CAPAC(1)), (CARD(5),PENAL	RDCONT 6
	DCONT
EQUIVALENCE (IV,V)	DCONT

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RDCONT10 RDCONT11 RDCONT12 RDCONT13 RDCONT14			M M M M M M M M	RDCONT49 RDCONT40 RDCONT41 RDCONT44 RDCONT44 RDCONT46 RDCONT45 RDCONT45 RDCONT45
			60 10 60	•EQ•4HLANT)) GO TO 100
ATA ONE, TWO, FOUR, B/1.,2.,4.,1H CONT=0 0 10 I=1,8 0 10 J=1, NCTMAX BCONT(I,J)=0 ALL READER	F (NAME(1) CAD = NOAD = CAD = NOAD O = E F (NCAD O E)	CAU-NCAU ONTINUE 2=NCAD-1 0 40 I=1 F (NAME(F (NAME(RINT 160	ONTINUE ONTINUE BCONT(1,N BCONT(2,N ALL VALUE F ((TBCON ERR=JERR+	EQ.0) 30 TO 70 +1 , NCRD, PENAL (1) .EQ.6HCREW) GO TO 80 (1) .EQ.6HPROPEL) .AND .(CLASS(2) +1
10 20		o m		0 2 2 0 2
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10 10 10 10 10 10 10 10 10 10		UME FAC CONTA] THE OF E IS AN
	B)) GO TO 130	CARD, I5, 20H THE CARD, I5, 24H, To CARD, I5, 62H, OCARD, I5, 62H, OCARD, I5, 52H, To CARD, IH.)
6	EQ.8).AND.(VOLUME(2).EQ.8)) UME,V,IERR) GO TO 120 130 ,VOLUME IV RETURN	CONTAINER TABLE ON NOT A VALID ENTRY.) E CONTAINER TABLE ON HAS ALREADY BEEN BE USEN ON TAINER TABLE CAPA E CONTAINER TABLE ON TAINER TABLE OF TABLE ON TAINER TABLE ON TABLE
00000000000	(VOLUME (1). VALUE (VOL IERR.NE.0) V) 120,130, =JERR+1 T 150, NCRO NT (6,NCRO)= NAME (11).EQ O 20 INUE JPROP.GT.0) =JERR+1 T 210 RN	FORMAT (7X, 30HIN THE 1TOR (, A6, A4, 23H) IS N FORMAT (6X, 31H IN THE 1TIONS BULK, CREW OR P FORMAT (6X, 31H IN THE FORMAT (6X, 31H IN THE FORMAT (6X, 42H THE CO FORMAT (6X, 42H THE CO FORMAT (6X, 42H THE CO FORMAT (5X, 42H THE FORMAT (5X, 42H THE FORMAT (5X, 42H THE FORMAT (5X, 42H THE CO FORMAT (38H0NO PROPEL EN)
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SUBRCUTINE ROLEG	ROLEG 2
STENOUGH SENEOUS SENOUS NUMBER	AFF- 1
CHICK TOOK! MICHEST HER THE FOCAL TO BY EST	APELI
EH, NW VEH, NB VEH, NL VEH, NVHPAX, TBVEH (5, 31), NPREF, VP	RELABEL1
(20), NOVEH, VEH (30)	EEL 1
OMMON /SPDS/ NSPD, NBSPD, NLSPD, T	AREL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	EEL1
CAMON / CRGS/ NCE, NWCE, NBCE, NLC	A BEL 1
CMMON /LCLF/ LCE, LFA	AEEL1
OMMCN /PROG/ PNAME(3,63),NFROG, PNAME(3	ABEL 11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMI	ABEL 11
CMMCN /DDBS/ NDDB,NWDDB,NBCDB,NLDDB,MD	EEL11
OMMON /IVA/ MIVA, NIVA, IVA(250	ABEL11
CMMCN /IFA/ MIFA, NIFA, IFA (60	A BEL11
OMMON /FTBL/ MTBL, NTBL, NTBL	AEEL 11
CAMON /KEL/KEL, NSW, G	RI011
OMMON /MAXS/ MAXA, MAXC, MAXF, MA	PEL11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), FLD DTE, IREL	DTLABEL11
OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPRO	P, LAEEL 11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NL M, NMPL, MMPL	JLAEEL12
LAG, NAFAC, NOSF, NOSC, ICNT, L 2WOT, 177, 377, KCPT (10), MAXCGN, IPLTP, MA	XSLABEL12
PR, L1MOT, L19UC, LIML	EC230
	AEEL 12
INTEGER FYEAR	AEEL12
	ABEL12
CCMMCN DDB(1)	EEL12
	AEEL12
DIMENSION 09(1), ID08(1), IC8(1)	AEEL12
	ABEL12
QUIVALENCE (DD8(1), D8(1), ICD8(1), ID8(1))	LABEL13
EQUIVALENCE (OFFLOD,KOPT(1)), (BASE,KOPT(2)), (SINCEP,KOFT(3)),	ABEL 13
Lendary Critical Coortenance (1977) Creative Cortical	
	APELIS APFI 13
ATEGED ZEBO.ONE.TRIEG	DLEG
NIEGEN EFLIAV(2).ALIVEH(2)	ERODI
QUIVALENCE (CARD(1), NAME(1)), (CARD(3), SUCESS(1)), (CARC(5), LON	GSROLEG
L(1)), (NLEG,NCRD), (CAR	CARRDLEG 8 RDLEG 9

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		F (NAME(1), EQ. SHTABLE) S	RDLEG
		F (NAME (1).	ш
		CRD=NCRD+1	ш
		F (NCRD.EQ.1) GO TO 50	ul :
		F (NCRD.LE.NLGMAX) G	ш
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		F (NAME(1).NE.TBLEG(1,1)) GO T	Ū I
		F (NAME(2).NE.TBLEG(2,1)) GO TO	ш
		RINT 1	ш
		ERR=JER	ш
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		BLEG(1, NCRD) = NAME(LI I
		BLEG(2,NCRD)=NAM	ω
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1		F (SUCESS(1), NE, TBLEG(1,1)) GO T	Lef L
0		F (SUCESS.(2), NE. 19LES(2,1)) 50 TO 6	41
0		RINT 210	ا ل
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7		0 TO 70	ROLES
+	6 <u>0</u>	ONTINUE	ū
		BLEG(3,NCRD)	ROLEG
2		BLEG(4,NCRD)=SUGESS(RULEG
2	7.0	ONILNO	ui i
	၁၁၀ ၁၁	CCUPANCY LIMIT AND LONGSHORING OPTION	ROLEG
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IBLEG(10, NLEG) IF (CARD(5).EQ IBLEG(5, NLEG) = IF (CARD(5).EQ IF (CARD(5).EQ IF (CARD(5).EQ IF (CARD(13).E IBLEG(5, NCRD) = IBLEG(10, NCRD) IF (IERR.LE.0) IF (IERR.LE.0)	TBLE5(10,NLEG)=ZERO IF (CARD(5),EQ.6HSINGLE) GO TO 80 TBLE6(5,NLEG)=MILLE IF (CARD(5),EQ.6HYES) IF (CARD(13),EQ.1H) IF (CARD(13),EQ.1H) IF (CARD(13),EQ.1H) IF (CARD(13),EQ.3HYES) IF (CARD(13),EQ.3HYES) IF (CARD(13),EQ.3HYES) IF (CARD(13),EQ.3HYES) IF (CARD(13),EQ.1H) IF (ROLEG	u w u	uw	w	u u	uU	u w	w	W	w	w	w	w	w	ועו	u) l i	ט ע	IJ L	J LL	, L	l W	ш	ш	ш	ш	ш	w	W	w	w	w	w	w	w	ш
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BLEG(10,NLEG)=ZERO F (CARD(5).EQ.6HSINGLE) GO TO 8 BLEG(5.NLEG)=MILLE	F (CARD(5).EQ.6HMULTIP) GO TO 8	F (CARD(5).EQ.6H) GO TO 8	F (CARD(5) . EQ. 6HYES) GO TO 90	F (CARD(5).EQ.6HNO) GO TO 100	ALL VALUE (CAKUI)) OLEGIO) NEES/ 1E	F (IEAK+LE-U) GU LU O ERR#JERR+1	RINT 200, NGRD, CARD (5), CARD (IF (CARD(13).EQ.1H) GO TO 9	F (CARD(13).EQ.3HNO) GO TO 10	F (CARD(13).EQ.3HYES) GO TO 9	RINT 230, NCRD, CARD(13), CARD(ERR=JERR+1	BLEG (10, NLEG) = 0N		LTERNATE VEHICL		D CONTINUE	BLEG(0)NGKU/=VEHICE(B/FG(2,NCDO)=VEHICE(F (DELTAV(1), EQ. 1H) 50 TO 12	ALL VALUE (DELTAV(1), DELTAV(1), I	F (IERR, LE. 0) GO TO 110	ERR=JERR+1	RINT 180, NCRD, CARD (3), CARD (1	CONTINUE	A20.(9) = CARD (9) *1.	BLES(9, NLES) = DELTAV	0 CONTINUE	BLEG(11, NLEG) = ALTVEH(BLEG(12, NLEG) = ALTVEH(0 10 20	O CONTINU	0 160 L=1,	0 153 T=1.

9		BLEG(8,I)=LASTLG ROLE	90
7		F (T3LEG(3,1).EQ.6HNONE) GO TO 150	91
~		0 140 J=I,NLEG ROLE	92
/		F (T3LEG(3,1).NE.TBLEG(1,J)) GO TO 140	93
0		F (TBLEG(4,1).NE.TBLEG(2,J)) GO TO 140	46
7		BLE3(8,1)≠J	95
44		O TO 150 RDLE	96
-	140	ONTINUE	97
316		RR=JERR+1	86 5
┥		RINT 170, (TBLEG(K,I),K=1,4) RDLE	66
~	150	ONTINUE	100
3		ALL SORT (TBLEG(1,1),12,NLEG,8) ROLE	101
3	160	ONTINUE	102
337		ETURN	103
	ပ	ROLEG	0
	ပ	OLES	0
	ပ	ROLEG	0
		RAMAT (18H NO FOLLOWING LEG ,2(A6,A4,2X))	107
	180	ORMAT (6X,25HIN THE LEG TABLE ON CARD ,13,12H THE FIELD -, A6, A4,2RDL	
		H- CONTAINS A NON-NUMERIC.)	
	190	FORMAT (6x,25H IN THE LEG TABLE ON CARD,15,15H, THE LEG NAME,,A6,ARDLEG	11
		,24H, HAS ALREADY BEEN USED.)	11
	200	FORMAT (6x,4HCARDIS,54H OF LEG TABLE CONTAINS ILLEGAL OCCUPANCY LIRDLES	112
		IT ENTRY (A6, A4, 1H)) - ROLEG	11
	210	FORMAT (6x,25H IN THE LEG TABLE ON CARD,15,43H, THE LEG NAME PREC	11
		ES THE SUCCESSOR NAME.)	11
	\sim	FORMAT (6x,43H THE CAPACITY OF THE LES TABLE IS EXCEEDED.)	116
	230	FORMAT (6x,4HCARDIS,50H OF LEG TABLE CONTAINS ILLEGAL LONSHORING ORDLE	117
		TION (A6,A4,1H)) ROL	118
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ROSPO LABEL1 LABEL1 LABEL1 LABEL1 LABEL1 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11 LABEL11	PLIP, MWYC, JCABELL PLIP, MAXSLABELL LABELL LABELL LABELL LABELL LABELL LABELL LABELL LABELL LABELL ACT (10) ROSPO ROSPO ROSPO ROSPO ROSPO
, LASTLG VHMAX, TBVEH(5, 31), ,20) 3,63), NMISS SS ODB, NBLK TBL(200) YRS3,NIYRS(30),RLD	AXVEH, NK, NF W, NLW, N 7, KOPT (10), MAXCGN, PT (2)), (SINDEP, KO P, KOPT (6)) FACT OR (14), IOC (2), (CARD (3), NYR (1), (IX, XX)
NI, NCTMAX, TBCONT(8,2 G, NLGMAX, TBLEG(12,63 H, NWVEH, NBVEH, NLVEH, D), NBSPD, NLSPD, TBSPD(C, NWFAC, NBFAC, NLFAC , NFAC, NBFAC, NLFAC H, NWMISS, NPROG, MNAME TH, NWMISS, NPROG, MNAME TH, NWMISS, NPROG, MNAME TH, NWMISS, NPROG, MNAME H, NYA, IVA(250) , NIFA, IFA(600) L, NTBL, NTBL1, NTBL2, N A, MAXC, MAXF, MAXI A, MAXC, MAXF, MAXI AR, LYEAR, NYRS, NYRS1, AG(20), LOWCOR, JERR, C	AX, NEWLES, VEH1, VEH2, OSC, ICNT, L2WOT, I77, JML1 1008(1), IDB(1), IDB 00, KOPT(1), (BASE, K CONTRE, KOPT(5)), (IC E(2), BLANK(2), NYR(2) (1), NAME(1), 3LANK(1)), (CARD(7), FACT(1))
SUBACOUTINE ROS COMMON / LEGS/ COMMON / LEGS/ COMMON / SPDS/ COMMON / SPDS/ COMMO	LAG, NAFAC, NOSF, R, L1WOT, L1BUC, L R, L1WOT, L1BUC, L NTEGER FYEAR OMMON DDR(1), QUIVALENCE (OFF LVEH, KOPT(4)), NTEGER 'TBSPB, NA QUIVALENCE (CAR QUIVALENCE (CAR (CARD(5), 10C(1) SPD=3 CRD=3

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                    ROSPD
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                                             ROSPO
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                                                                                                                                                     RDSPD
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                                                                                                                   RDSPD
                                                                                                                               ROSPO
                                                                                                                                                                                                    ROSPO
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                                                                                                                                                                                                                                                                                                                                               ROSPO
                                                                                                                                                                                                                                                                                                                                                                                                         RDSPD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RUSPO
                                                                                                                                                                                                                                                                                                                                                                                                                                            CALL VALUE (FACT(I), DOB(ICPDOB+NXTWRD+1),IERR)
                                                                                                                                                                                                                                                                                                                        CALL VALUE (NYR,DDB(ICPDDB+NXTWRD),IERR)
                                                                                                                                                                                                                                                                                                                                                                                  CALL VALUE (IOC, DDB(ICPDDB+NXTWRD), IERR
                                                        150
                                                                                                                                                                  IF (NAME(2), NE. TBSPD(2, I)) GO TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRINT 180, NGRO, FAGT (I), FACT (I+1)
                                                                                                                                                                             PRINT 170, NCRD, NAME (1), NAME (2)
                                                                                                                                                                                                                                                                                                                                                                                                         PRINT 180, NCRD, IOC(1), IOC(2)
                                                                                                                                                     IF (NAME(1).NE. TBSPD(1,1))
                                                        IF (NAME(1).EQ. 6HPROGRA)
                                             IF (NAME(1), EQ. 6HTABLE)
                                                                                                                                                                                                                                                                                                                                    IF (IERR.LE.0) GO TO 40
                                                                                                                  IF (NSPD.EQ.1) GO TO 30
                                                                                                                                                                                                                IF (NSPD.LE.20) GO TO
                                                                                                                                                                                                                                                              TBSPD(1,NSPD)=NAME(1)
                                                                                                                                                                                                                                                                                                                                                                                               IF (IERR.LE.0) GO TO
                                                                                                                                                                                                                                                                           TBSPD(2, NSPD) = NAME(2)
                                                                                                                                                                                                                                                                                                                                                PRINT 180, NCRO,NYR
                                                                                                                                                                                                                                                                                                                                                                                                                                                        IF (IERR) 90,70,60
                                                                                                                                                                                                                                                                                                  TBSPD(3,NSPD)=IX
                                                                                                                                                                                                                                                                                                             NXT WRO = NXT WRO + 1
                                                                                                                                                                                                                                                                                                                                                                       NXTWRD=NXTWRD+1
                                                                                                                                                                                                                                                                                                                                                                                                                                  DO 80 I=1,10,2
                      NBSPU=ICP008+1
                                                                                                                                          00 20 I=1, I2
                                 CALL READER
                                                                                                                                                                                                                                                                                                                                                           JERR=JERR+1
                                                                                                                                                                                         JERR=JERR+1
                                                                                                                                                                                                                                       JERR=JERR+1
                                                                                                                                                                                                                                                                                     <X=ICPDDB+1</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                      JERR=JERR+1
                                                                                                        NGR0=NCR0+1
                                                                                            NSPD=NSPD+1
                                                                                                                                                                                                                                                    NSPD=NSP0-1
                                                                                                                                                                                                                            PRINT 160
          008(1)=0.
                                                                                                                               I 2=NSPJ-1
                                                                                                                                                                                                     CONTINUE
                                                                    NXTWRD=0
CP003=1
                                                                                 SP0=0.0
                                              10
                                                                                                                                                                                                     20
                                                                                                                                                                                                                                                               0
                                                                                                                                                                                                                                                                                                                                                                        0 7
                                                                                                                                                                                                                                                                                                                                                                                                                                  20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     90
                                                                                                                                                                                                     94
                                                                                                                                                                                                                                                                                                                                                                       114
                                                                                                                                                                                                                                                                                                                                                                                                                     136
                                                                                                                                                                                                                                                                                                                                                                                                                                  140
                                                                                                                                                                                                                            53
                                                                                                                                                                                                                                                                                                                                                103
                                                                                                                                                                                                                                                                                                                                                                                   116
                                                                                                                                                                                                                                                                                                                                                                                                          123
                                                                                                                                                                                                                                                                                                                                                                                                                                             142
                                                                                                                                                                                                                                                                                                                                                                                                                                                          146
                                                                                                                                                                                                                                                                                                                                     101
                                                                                                                                                                                                                                                                                                                                                                                               121
```

9		ERR=JE	OSP	50
9		0 TO 80	OSD	51
9	20	XTWRD=NXTWRD+	oso	52
/		D8(IC2008+NXTWR0)=008(IC	OSP	53
1		PD=SPO+DDB(ICPODB+NXTWR	OSP	24
~	80	BOXILKO	DSP	55
7	<u> </u>	ALL READE	OSP	56
0		F (3LANK(1).N	DSP	25
0		0 120 I=1,14	DSP	58
0		ALL VALUE (FACTOR!	DSP	53
₩		F (IERR) 90,110	OSP	09
212	100	NT 180, NCRD, FAC	OSP	61
3		ERR=JERR+1	OSP	62
~		0 TO 120	OSP	63
M	110	XTWRD=NXTWRD+	OSP	†9
3		DB(IC2DDB+NXTW	OSP	65
3		PD=SPJ+DD9(ICPDJ8+NXTWRD	DSP	99
M	120	ONTINJE	OSP	29
J		0 TO 90	OSP	68
4	130	F ((320.6E.0.99).AND.(OSP	69
S		RINT 190, TASPD(1,NSPU), TBS	OSP	20
9		ERR=JERR+1	DSP	71
~	140	CPDDB=IC	OSP	72
7		0 TO 10	OSP	73
~	150	I=OdS7	OSP	74
~		ETURN	dSO	. 52
	ပ		OSP	92
-	ပ		OSP	77
	ပ		OSP	78
	160	ORMAT (2X, 28H** TOO MANY SPREAD TABL	OSP	62
	2	ORMAT (6X, 28HIN THE SPREAD TABLE ON C	ARDSP	80
		,25H - HAS ALREADY BEEN USED.	OSP	81
	180	6x,28HIN THE SPREA	, AROSPO	82
		17H+ IS NON-NUMERIC.)	ROSP	83
	193	ORMAT (6X,23HUNDER THE	SROSP	84
		DO NOT TOTAL 100 PERCENT.	OSP	85
275			OSP	96

SUBRCUTINE RDVEH	H
	DVEH
OMMON /CONT/ NCONT,NCTMAX, TBCONT(8,	PEL1
CMMCN /LEGS/ NLEG, NLGMAX, TBLEG (12,63), LASTL	BEL1
CAMON / VEHS/ NVEH, NW VEH, NB VEH, NL VEH, NV	ABEL 1
(20), NOVEH, VEH (30	ABEL 1
COMMON /SPDS/ NSPD, NBSPD, NLSPD,	A EEL 1
CMMCN /FACS/ NFAC, NWFAC, NBFAC, NLFA	ABEL1
OMMON / CRGS/ NCE, NWC E, NBCE, NLC	A BEL1
OMMON /LCLF/ LCE, LFA	BEL1
OMMON /PROG/ PNAME(3,63),NFROG, PNAME(3	AEEL 11
CAMON /MISS/ LNGTH, NUMISS, NBMISS, NL	ABEL 11
OMMON /DDBS/ NDDB,NWDDB,NBDDB,NLDCB,MD	A BEL 11
CMMCN /IVA/ MIVA, NIVA, IVA(250	ABEL11
OMMON /IFA/ MIFA, NIFA, IFA (600	AEEL 11
OMMCN /FIBL/ MTBL, NTBL, NTBL	A EEL 11
OMMEN /KEL/KEL, NSW	RI011
OMMEN IMAXS! MAXA, MAXC, MAXF, MAX	ABEL11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLD ATE, IREL	TLAEEL11
OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPRO	LABEL11
ITBONT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NL N, NNPL, MWPL	JLAEEL12
OSC, ICNT, L 2MOT, 177, 377, KCPT (10), MAXCGN, IPLTP, M	LAEEL12
PR, L1WOT, L18UC, LI	E0230
	A BEL 12
INTEGER FYEAR	ABEL12
	ABEL 12
COMMCN DDB(1)	EEL12
	ABEL 12
DIMENSION D8(1), IDD8(1), IC8(1)	AEEL12
	ABEL 12
QUIVALENCE (008(1),08(1),1CD8(1),1DB(1))	LABEL13
EQUIVALENCE (OFFLOD, KOPI(1)), (SASE, KCPA), ALVER KOPICA), (CONTOR KOPICA), (TOAR	ABEL 13
LVERSANDILETURA (CONTRESANDILEXI) & LLORIGANCILLO	A C C C C C C C C C C C C C C C C C C C
	PF1 13
TMENSTON NAME (2), PROPEL (2), MAXPYR (2), LIFFLI (2), LIFYRS (2	DVFH
LO(2), NRDEV(2), SPREAD(2), RPROD(2), RFLI(2), REFLRB(2), LEGNM() RD VEH
UPWT(2), DOWNAT(2), EXPWT(2), BLANK(2), SPPROD(2)	ROVEH
EQUIVALENCE (CARD(1), NAME(1), BLANK(1)), (CARD(3), FROPEL(1), NRD	144
,LEGNM(1)), (CARD(5),MAXPYR(1),SPREAD(1),UPWT(1)), (CARC(7),LI	LROVEH

C

0 0 0 0

 $\phi \phi$

		21(1), RPROD(11), RFLT(11), (GARD(9), LIFYRS(11), DOWNWT(11), SPPROD(11), 3CARD(11), MINLD(1), EXPWT(1), REFURB(1))	(ROVEH 10 ROVEH 11
	ပ		DVEH 1
		INTEGER TBCONT, TBLEG, TBVEH, DDB, CARD, BLANK, BLANC	DVEH 1
	ပ		DVEH 1
		DATA 3LANC/1H /	DVEH 1
		ATA IFOUR/4	DVEH 1
		ATA ISP/3HIS	DVEH 1
	ی		DVEH. 1
		CP003=NLSP	DVEH 1
7		BVE	DVEH . 2
ţ		VEHI	DVEH 2
t		CR0=	DVEH 2
9		0 10 I=1,	DVEH 2
7		=1,N	DVEH 2
15	10	BVEH(I,J)	DVEH 2
	ပ		DVEH 2
		ALL READE	OVEH 2
		CRD=NCRD+1	0VEH 2
	20	F (NAME(1	DVEH 2
		F (NAME (1) . EQ. 6HPROGRA) GO TO 35	OVEH 3
		VEH=NVEH+1	DVEH 3
		F (NVEH.EQ.1) GO TO 50	DVEH 3
		F (NVEH.LE.NVHMAX) S	DVEH 3
		ERK=JERR+	DVEH 3
		RINT 52	OVEH 3
		VEHINVE	DVEH 3
	3.)	2=NV=4-	OVEH 3
		0 40 I=1,	DVEH 3
		F (NAME(1).NE.TBVEH(1,1)) GO	DVEH 3
		F (NA4E(2).NE.TBVEH(2,1)) 50 TO 4	OVEH 4
		RINT 530, NCRD, NAME (1), NAME (2	DVEH 4
		ERR=JERR+	DVEH 4
	0+0	ONTINUE	DVEH 4
		BVEH(1,NVEH)=NAM	DVEH 4
		BVEH(2, NVEH) = NAME(2)	DVEH 4
		ALL PACK (ICPDD	DVEH 4
		0 60 I=1,NWVEH	UVEH 4
16	09	008(IC>008+I)=0.0	2 6

$\widehat{m{lpha}}$			$\widehat{m{lpha}}$
N A A A A A A A A A A A A A A A A A A A	NXTWRD=NXTWRD+1 MAXIMU4 VOLUME CAPACITY DB(ICPDD8+16)=1000. CALL VALUE (CARD(13),D8(ICPDD3+16),IERR) IF (IERR-LE.0) GO TO 80 JERR-JERR+1 PRINT 540, NGRD,CARD(13),CARD(14)	CONTINUE AXIMUM OCCUPANCY (DB(ICP)DB+13)=1 IF (CARD(15).EQ DB(ICPDDB+13)=1 IF (CARD(15).EQ CALL VALUE (CAR IF (IERR-LE.3) JERR=JERR+1 PRINT 620, NGRD	CON
	0 0	<u>ာ</u> ဆေပ ပ	000
122 122 125 133 134 144 144	σοσου	0 0000 सनमम	o o o o o o o o o o o o o o o o o o o

)
10 10 10 10 10 10 10 10 10 10 10 10 10 1

ROVEH130 ROVEH131 ROVEH132	DVEH13	DVEH1	DVEH13	DVEH13	DVEH13	M > 0	DVEH14	DVEH14	DVEH14	DVEH14	DVEH14	DVEH14	DVEH14	DVEH14	DVEH15	DVEH15	DVEH15	DVEH15	DVEH15	DVEH15	DVEH15	DVEH15	DVEH15	0VEH15	DVEH16	DVEH16	DVEH16	DVEH16		DVEH16	DVEH1	DVEH1	OVEH16
IF (NFLAG.EQ.5) GO TO 180 CALL PACK (K,6,TBVEH(4,NVEH),J)	ALL UNPACK	ALL PACK (K,6, TBVEH(5,NVEH), J)	RINT 630	ERR=JERR+1	0 TO 19			READ ISP DATA CARD AND STORE IN DDB ARRAY		93 (IC>008+	XTWRD=NXTWRD+	0 233 L=3,15,2	38(ICPDD8+NXTWRD)=0.0	ALL VALUE (CARDIL	F (L.EQ.7) NXTWRD:	F (IERR.LE.3) G	ERR=JERR+1	RINT 550, NGRO	XTWRD=NXTWRD+	XTWRD=NXTWRD+1	DB(ICPDDB+NXTWRD-6)=008(ICPDD	09(ICPD08+NXTWRD-1)=008(ICP0	0 TO 150	DULING	IF (TBVEH(5,NVEH).EQ.0) TBVEH(5,NVEH)=TBVEH(4,NVEH)	0 TO 26		READ LEG DATA CARDS FOR THIS VEHICLE.	L C	ALL KEADE COO-NOOO+	IF (BLANK(1), NE, BLANC) 50 TO 320	I 11 ×	u
170	180	190	20 č			210	c	ာ ပ		220									230					240	,		ပ	ပ	ţ	200	260		
on contract to the contract t	א הטיק	(A)	- ~	0	7	44 +	4			7	₩	5.4	~	8	2	M	M	M	S	S	S	9	9	ဇ	565	/			P	- 1	577	J	0

-38-

10 2RCV	VEH17	DVEH17 FVEH17	D VEH 17	C VEH17	DVEH17	CVEH17	D.VEH18	DVEH18	DVEH18	OVEH18	DVEH18	DVEH18	DVEH18	DVEH18	CVEH18	DVEH18	DVEH19	CVEH19	DVEH19	CVEH19	DVEH19	DVEH19	DVEH19	RI0111	DVEH19	DVEH19	DVEH20	DVEH20	D VEH20	RI0111	UVENZU		0 VEH 7 0	DVEH20	0 V EH 2 0
DO 270 I=1,NLEG IF ((TBLEG(1,I).EQ.LEGNM(1)).AND.(TBLEG(2,I).EG.LEGNM(2))) GO	CCNTINUE	PRINT 560, LEGNM(1), LEGNM(2), TBVEH(1,NVEH), TBVEH(2,NVEH)	ONTINUE	0V=T8L EG (0 290 I=1,4	B(ICPOOB+NXTWRO+I)=	08(ICP008+NXTWRD)=L	DB (ICPDDB+NXTWRD+1)	XT WRD=NXTWRD+2	0 300 I=5,9,2	ALL VALUE (NAME(I),008	F (IERR.LE.0) GO TO 300	RINT 540, NC	ERR=JERR+	XTWRD=NXTWRD+	F (LEGNM(1), EQ	F (CARD(5).NE.1H .AND.CARD(7).N	Ħ	ALL PERLNK (M, WPLUP, WPL	F (WPLUF,LE.O.O) WPLUP=	F (WPLDN.LE.0.0) WPLDN=	B(ICPDDB+NXTWRC-3)=WPLU	B(ICPOOB+NXTWRO-2)=WPL	F(NSW.E0.1) PRINT 490, WPLUP	F (CARD(9).NE.1H) GC TC 25	=2	ALL PERLNK (M, WPLUP, WPLCh	F (WPEXP.LE.O.O) WPEXP=	B(ICPDDB+NXTWRD-1)=WPEX	F(NSW.EG.1)PRINT 500, W	0 T0 250	F (JX•NE•U) 60 10 340	RINT 570, TBVEH(1,NV All DACK (MYTWED-1,1	CPDC9=ICPCD8+NXTWRD-1	0 10 2
	270		280)	•	290							• .		300										310						(N I	330	>	
6 1 6 6 1 6	\sim	627	J	5	5	9	Q	7	1	/	7	0	0	0	2	8	M	m	₩	4	ţ	Ŋ	R	R	စ	~	~	/	0 0	0 0	0 7	ת ח	44 14	40	7 0

1037	•	1 W 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	F124
70		0 390 I=1.0PE	
		0 370 J=1,NV	EH21
70		F (T3LEG(6,1), NE, TBVEH(1, J)) GO TO 37	EH21
04		(TBLEG (7, I) . NE . TBV	EH 21
0.5		ALL UNPACK (IPO, 18, T3VE	EH 21
05		ALL UNPACK (IPN, 18, TBVEH(3, J)	EH 21
90		PN=IPN+IPC-1	EH21
90		PG=IPO+NWVE	EH21
07		0 369 L=IPO,IPN,5	EH21
10		F ((IBLEG(1,I),E	EH22
11	360	ONITNO	EH 22
11		RINT 5	EH22
14		0 TO 380	EH 22
14	370	ONITNO	EH22
7.		RINT 5	EH 22
16		ERR=JERR	EH 22
116			EH22
16	ø	BLEG(5,1)=17	EH 22
117	391	ALL PACK (EH22
	ပ		EH 23
	ပ	PROCESS VEHICLES TO HAUL PROPELLANT.	RDVEH231
	ပ		EH23
17			EH 23
20		0=	EH23
20		F (T3LEG(11,1),EQ.6H) GO TO 42	EH23
20		F (TBLEG(11,1).EQ.6HNONE) 30	EH23
20		0 400 J=1,NVEH	EH23
21		F (TBLEG(11,1).NE.TBVEH(1,J)) GO	EH23
1215		LEG(12,1) .NE. TBVEH(2,J)) GO TO 40	EH 23
22		0 10 42	EH24
22	400	ONTINO	EH 24
22		RINT 51	EH24
24		ERR=JERR+1	EH24
54	-1	1 I =	EH24
54	426	BLES(11,1) = TBLEG(6	RDVEH245
25		F (J.NE.U) CALL PAC	EH 24
25	430	ONILNO	EH 24
	ပ		EH 2
	ပ	CREAT THE VEHICLE CHAINS FOR CARGO AND PROPELLANT.	EH24

1	ပ		EH25
56		-VI EG	EH25
56		0 47ú I=1,NLEG	EH25
26		F (TBLE3(3,J).NE.6HNONE) 30 TO 440	EH 25
27		BLEG(7, J) = LASTLG	EH25
27		0 TO 470	EH25
27	0 7 7	= N L EG	EH25
1274		0 450 K=1,I	EH25
30		(1,L).EQ.TBLEG(3,J)).AND.(TBLEG(2,L).EQ.TBLEG(4,J))) GO	EH25
		0 460	EH25
32	450	=[-1	EH26
32		RINT 500, (TBLEG(M,J),M=1,4)	EH 26
1331		BLEG(7,J)=0	EH 26
33		0 10 470	EH 26
33	094	ALL JNPACK (TEMP,18,TBLEG(6,L),12)	EH 26
34		ALL PACK (TEMP,18,TBLEG(6,J),18)	EH26
34		ALL UNPACK (TEMP,18,TBLEG(11,L),12)	EH26
35		ALL PACK (TEMP,18,TBLES(11,J),18)	EH 26
36		8LEG(7, J) = L	EH26
36	470	ויין דיין אין אין אין אין אין אין אין אין אין	EH26
37		LVEH≈ICP008	EH 27
	ပ	80	EH27
	ပ		EH27
1373		RETURN	EH27
	ပ	RD	EH27
	ပ	80	EH 27
	ပ		EH27
	480	FORMAT (6X	EH27
		CLE 148LE)	7743
	σ	ORMAT (1H+,2JX,2F10.1)	EH27
	200	ORMAT (1H+,46X,F10.1)	EH 28
	┙	ORMAT (6X,23H THE ALTERNATE VEHICLE, A6, A4, 25H IS NOT IN VEHICLE	EH28
		ABLE.)	EH 28
	8	FORMAT (6X,32HVEHICLE TABLE CAPACITY EXCEEDED.)	EH28
	530	ORMAT (6X, 294IN THE VEHICLE TABLE ON CARD , I3, 12H THE NAME - , A6,	EH 28
		A4,25H - HAS ALREADY BEEN USED.)	EH28
	540	6X,29HIN THE VEHICLE TABLE ON CARD ,I3,12H THE FIELD -,A6, contains a non-numbric.)	DVEH286 DVEH287
	550	FORMAL 46X.31HIN THE VEHICLE TABLE. ISP CARD .13.12H THE FIELDAR	EH 28
	`	-A4.25H-CONTAINS A MON-NUMERIC.)	VEH28

0 10 J=1,
DO 10 I=1,8
COMMON /ASDAT/ ARRAY(8,6)
REAL ISPS
LVEH, KOPT(4)), (CONTRE, KOPT(5)), (ICAP, K
OFFLOD, KOPT(1)), (BASE, KO
OUIVALENCE (008(1),08(1),1008(1),10
OIMENSION 08(1), I008(1), IC8(1)
COMMON DDB(1)
INTEGER FYEAR
R, L1WOT, L13UC, LIML
LAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, 177, J77, KGPT (10), MAXCGN, I
TBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NL M, NWP
OMMCN /MISC/ IFLAG(20), LCMCOR, JERR, CARC(16), LINE (33), 1PRO
OMMEN /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDAT
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI
OMMON /KEL/KEL,NSW,G
OMMON /FIBL/ MIBL, NIBL, NI
OMMCN /IFA/ MIFA,NIFA,IFA(600)
OMMON /IVA/ MIVA, NIVA, IVA(250
CARCN /ODBS/ NCCB,NWOOB,NBCOB,NLDCB,MG
CERCA /ALVO/ LNG-A,NATIOUS/NAMILOUS/NAMILOUS
NEROG, PNAME
UMMON /LCLF/ LUE,LFAC
CHMCN /CRGS/ NCE,NWCE,NBCE,NLC
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA
OMMON /SPOS/ NSPO,NBSPO,NLSPO,T
(20),NOVEH,VEH(30)
CAMEN /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHYDX, TBVEH (5, 31), NP
CMMCN /LEGS/ NLEG, NL GMAX, TBLEG(12, 63), LASTLG
OMPCN /CONT/ NCONT, NCTMAX, IBCONT(8,20)
UBECULINE PERLINE (M. MPLUF, MPLUN, VIN,
α

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PERLNK12
                                    PERLNK13
                                               PERLNK14
                                                           PERLNK15
                                                                      PERLNK16
                                                                                 PERLNK17
                                                                                              PERLNK18
                                                                                                          PERLNK19
                                                                                                                     PEFLNK20
                                                                                                                                 PERLNK21
                                                                                                                                             PERL NK22
                                                                                                                                                        PERLNK23
                                                                                                                                                                   PERLNK24
                                                                                                                                                                               PERLNK25
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                                                                                                                                                                                                                                                                             PERLNK33
                                                                                                                                                                                                                                                                                        PERLNK34
                                                                                                                                                                                                                                                                                                    PEFLNK35
                                                                                                                                                                                                                                                                                                               FEELNK36
                                                                                                                                                                                                                                                                                                                                       PERLNK38
                                                                                                                                                                                                                                                                                                                                                  PERLNK39
                                                                                                                                                                                                                                                                                                                                                              PERLNK40
                                                                                                                                                                                                                                                                                                                                                                                      PERLNK42
                                                                                                                                                                                                                                                                                                                                                                                                                         PERLNKAD
                                                                                                                                                                                                                                                                                                                                                                                                                                     PERLNK46
PERLNK10
            PERLNK11
                                                                                                                                                                                                      PERLNK27
                                                                                                                                                                                                                                                      PERLNK31
                                                                                                                                                                                                                                                                                                                                                                                                  PERLNK43
                                                                                                                                                                                                                                                                                                                                                                                                             PERLNK44
                                                                                                                                                                                                                                                                                                                                                                                                                                                PERLNK47
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PERLNK48
                                                                                                                                                                                                                                                                                                                            PERLNK37
                                                                                                                                                                                                                                                                                                                                                                         PERLNK41
                                                                                                                                                                                                                                                                                                                                                                                                  CALL PROPCL (NTCT, WPLUP, WFLCN, VIN, FOV, ARRAY, WPREC, NREC, M)
                                                                                                                                             CALL UNPACK (NBVEH, 18, TEVEH (3, NV), 18)
                                                                                                                                                                                                                                                                                        WPLUP=(WPMAX-WBO*(R*R-1.0))/(R-1.0)
                                                                                                         CALL UNPACK (NV,6,TBVEH(5,NVEH),11)
                                                                                                                                                                    IF (103(J1),NE,3HISP) GO TO 240
                                                                                                                                                                                                                                                                R=EXP(FLOAT(NTOT) *VIN/(G*ISFS))
                                                                                                                                                                                                                                                                             WBO = ARRAY (1, NTOT) + ARRAY (2, NTOT)
                                                                                                                                                                                                                                                                                                     IF (WPLUP.LE.O.) WPLUF=100.
                                                                                                                                                                                                                                                                                                                                                                         IF (MPLUP.LT.0.0) WPLUP=0.1
IF (WPLUN.LT.0.0) WPLUN=.1
                                                                                                                                                                                            ARRAY (J, NTOT) = DD9 (J1+J+1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IF (WPREQ) 100,160,160
                                                                                                                                                                                                                                          WPMAX=WPMAX+ARRAY(3,I)
                                                                                                                     IF (NV.EQ.0) GO TO 40
                                                                                                                                                                                                                                                      ISPS=ISPS+ARRAY(8,I)
                                                                                  00 30 I=6,36,6
                                                                                                                                                        U 1 = NBVEH + NWVEH
                                                                                                                                                                                                                              DO 50 I=1,NTOT
ARRAY(I,J)=0.0
                                                                                                                                                                               DO 20 J=1,8
                                                                                                                                 NTOT=NTOT+1
                                                                                                                                                                                                                                                                                                                                                                                                              KALL=KALL+1
                                                                                                                                                                                                                                                                                                                                                                                                                                     IF (WPLUF)
                                                                                                                                                                                                                                                                                                                                        WPREGL=0.0
                                                          WPMAX=0.0
                                                                                                                                                                                                                                                                                                                MPLON=0.0
                                                                                                                                                                                                                                                                                                                                                               CONTINUE
                                                                                                                                                                                                                                                                                                                                                                                                                          PL=WPLUP
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PL=WFLON
                                               I SP S = 0.0
                                                                                                                                                                                                      CONTINUE
                                                                                                                                                                                                                   CONTINUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CONTINUE
                                                                                                                                                                                                                                                                                                                                                   PLN=0.0
                                                                                                                                                                                                                                                                                                                            PLL = 0.0
                                                                                              I1=I-6
                                                                       KALL = 0
                                    0 = 0 = 0 M
                       0=LOIN
 10
                                                                                                                                                                                            20
30
30
                                                                                                                                                                                                                  0 7
                                                                                                                                                                                                                                                                                                                            90
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5
            ပ
                                                                                                                                                                                                      105
                                                                                                                                                                                                                  107
                                                                      163
                                                                                                                                                                                                                                                                                                                                                                                      166
                                                                                                                                                                                                                                                                                                                            161
                                                                                                                                                                                                                                                                                                                                       162
                                                                                                                                                                                                                                                                                                                                                                         163
                                                                                                                                                                                                                                                                                                                                                                                                              205
                                                                                                                                                                                                                                         121
                                                                                                                                                                                                                                                                                                                                                                                                                                     207
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PERLNK50 PERLNK51 PERLNK52 PERLNK53 PERLNK54 PERLNK55	ERLNKS ERLNKS ERLNKS ERLNKS ERLNKS	E B L L N K C C C C C C C C C C C C C C C C C C	ERLNKY ERLNKY ERLNKY ERLNKY ERLNKY	ERLNK7 ERLNK7 ERLNK7 ERLNK8 ERLNK8	EERLNKS ERLNKS ERLNKS ERLNKS ERLNKS
1.00.0) GO TO 116 NREQ 130,140,130	0 7	170,180 170,180 190,200,190 -LT.0.03) X=SIGN(0.03,X) AX-WPREQ)*(PL-PLL)/X	REQ-WPMAX).3T.1.0) GJ TO 210 KALL	223,234,224 AX-WBO*(R-1.0))/(R*R-R)	KALL NV
IF (PL.GT. PRINT 263, RETURN PL=J.5*PL IF (WPLUP) CONTINUE WPLUP=PL	PPLDN=PP PPEQC=PP CC=PCN WP CN=PCN WP CN W	F (X) F (PL- ONTINU F (ABS	F (ABS) ONTINUE F (M.EQ PLUPEPL RINT 20	ETURN ONTINU LMX=PL PLDN=(PLUP=6	OFFICE OF
100 110 120 130	150	ν ∞σ .	200 C	210	230 C 240 250
213 217 224 225 227 230 230	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	っしゃりゅう	99922		N + C C C C C C C C C C C C C C C C C C

PERLNK90 PERLNK91	PERLNK92	PERLNK93	PERLNK94	PERLNK95
		DESIGN ERROR. PROPELLANT INSUFFICIENT IN STAGE, 12)	ISP VALUES FOR VEHICLE , 13, 12H NOT ENTERED)	
		0 H O	(27Hû	
		S.		
RETURN		FORMAT	FORMAT	END
ပ	ပ	260	270	
322				323

SUBROUTINE ROFAC READ DATA CAROS FOR FACILITY TABLE	RDFAC 2 RDFAC 3
OMMON /CONT/ NCONT, NCTMAX, TBCONT(8,	DF AC ABEL 1
OMMON /LESS/ NLES, NLSMAX, TBLES(12,63), LASTLG	ABEL1
/ VEHS/ NVEH, N MVEH, NBVEH, NLVEH, NVHMAX	RELABEL 1 I ABFI 1
COMMON /SPOS/ NSPD, NBSPD, NLSPD, TBSP	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	ABEL 1
OMMON /CRGS/ NCE,NWCE,NBCE,NLC	ABEL 1
OMMON /LCLF/ LCE, LFAC	ABEL1
OMMON /PROG/ PNAME(3,63), NPROG, MNAME(3	ABEL 11
ORMON /MISS/ LNGTH,NWMISS,NBMISS,NLMISS ORMON /DDBA/ NDBA,NHODB,NBODB,NIDDB,MODB	8EL 11 8E1 11
OMMON /IVA/ MIVA,NIVA,IVA(250)	A8EL 11
OMMON /IFA/ MIFA,NIFA,IFA(60	ABEL 11
OMMON /FIBL/ MTBL,NTBL,NTBL	ABEL 11
ONMON /KEL/ KEL	48EL11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	LABEL11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDA	OTLABEL11
COMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPR	P, LABEL 11
ITBONT, PROPUP, NVMAX, NEWLES, VEH1, VEH2, MAXVEH, NR, NFM, NLW, NWPL,	,JLABEL12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAXCGN, IPLTP, M	XSLABEL 12
FK, L1401, L1800, L18L	FUAN U
	BEL 12
41	
	ABEL 12
	ABEL 12
DIMENSION 08(1), IO08(1), ID8(1)	ABEL 12
	BEL12
008(1),08(1),1008(1),108(1))	LABEL13
EQUIVALENCE (OFFLOD, KOPI(1)), (BASE, KOPI(2)),	ABEL 13
LVEH, < 3PT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6)	BEL 13
	ABEL 13
INTEGER BLANK, TBSPD, CARD, DDB, YRS, DEVEL, RPROD	
EQUIVALENCE (NCARD, NCRD), (I, NLFAC)	DFAC
	DFAC

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	c	DATA MONE / U.S.	RDFAC 10
	.		+ + > (
~			יי עני
m		CARD	AC 1
ţ.		LANK	AC 1
	ပ		AC 1
r.		NLVEX	AC 1
7		BFAC	AC 1
	ပ		AC 1
	10	ONTINUE	AC 2
-		F (NAFAC	AC 2
t		ALL READE	AC 2
2	20	ONIINO	AC 2
2		L=JERR	AC 2
9		F (CARD(1).EQ.6HTABLE	AC 2
.		F (CARD(1) . EQ. 6HPROGRA) SO TO 10	AC 2
M		CARD=NCARD+	AC 2
	ပ	HECK YEARS	AC 2
ţ		RS=MON	AC 2
9		ALL VALUE (CARD(3)	AC 3
0		F (IERR.EQ.J) 60 TO 3	AC 3
-		ERR=JERR+1	AC 3
m		RINT 110, NGRO	AC 3
	ပ	HECK DEVELOPMENT COS	AC 3
ڡ	30 3	EVEL=40NE	AC S
0	•	VALUE (CARU(5),D	AC 3
2		F (IERR.c0.0) 50 10 4	200
~		ERR=JERR+1 .	AC 3
Ŋ	,	RINT 110,	S 0
	ے د	ARCK SPREAUTING FONCEL	1 1 2 2 4 4
0	- J	CALL FINDSP (GARD(7), JSPD)	AC 4
,			AC 4
	, ₍)	HECK R	AC 4
~		PROD=M	AC 4
t		VALUE (CARD(9	AC 4
ا وي		F (IE38.EQ.0) GO TO S	3 4 3 4
. ,		EKKHUEKK+1 Biri 440 - NOBO CABO KON CABO KA	* : ; :
-4		KINI 110, NOKO,CAKO (4),CAK	ל ב מ

	O C	CHECK SPREADING FUNCTION FOR RECURRING PRODUCTION COSTS	ROFAC	50
114	ב כ	CALL FINDOR (CARDO(11), KARD)) נ ז כ	4 A
4		are linear teachers.) נ נ) K
	, ပ	HESK FOR DUPLICATE O	A C	かなっ
		50 TO 76	AC	52
+1		-NSFAC	AC	26
~		0 60 J=1,NF	AC C	22
0		F ((CARD(1))	AC	58
3		ERR=JERR+1	AC	59
3		RINT 120	AC	09
M		0 TO 90	AC	61
140	6.0	*K+NWFAC	AC	62
ナ		F ((CARD(AC	63
S		ERR=JERR	AC C	49
S		RINT 13	AC	65
9		0 10 9	AC	99
	ပ		AC	29
	ပ	STORE FACILITY DATA	AC	68
	ပ		A C	69
162	8.0	FAGENTAC+	AC	20
		3(I+1)=CA	AC	71
9		D3 (I+2) = CAR	AC	72
/		DB(I+3)=YR	AC	73
7		08(I+4)=0EV	AC	7.4
/		Sr=(5+I)80	AC	75
/		09(I+6)=0.	AC	92
7		03(I+7)=R	AC	27
0		08(I+8)=KSP	AC	78
0		-I+NMFA	AC	62
	ပ	RINI CARD IMASE IF	AC	8.0
0	96	F (JERR.EQ.JL) GO TO 1	AC	81
202		RINT 140, NCARD, CAR	AC	82
-		L=JERR	AC	83
2		0 10	AC	4 8
	ပ		AC	
221	100	CONTINUE	AC	
2		ETUR	Q .	28
	O		S C	
	ပ		A C	

222

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/MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, LABEL119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LABEL 124
                                                                                                                                                                                                                                                                    L ABEL 112
                                                                                                                                                                                                                                                                                                LABEL113
                                                                                                                                                                                                                                                                                                                         LABEL114
                                                                                                                                                                                                                                                                                                                                                     LABEL115
                                                                                                                                                                                                                                                                                                                                                                              LABEL116
                                                                                                                                                                                                                                                                                                                                                                                                                               /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IRELDTLABEL118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ITBCNI, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JLABEL120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 L ABEL 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LABEL129
                                                                                                                                                                                                                                                                                                                                                                                                       LA3EL117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LABEL 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 L ABEL 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LABEL 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LABEL 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LABEL134
                                                                                                                                                                                                                                          LABEL 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FLAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, I77, J77, KOPT (10), MAXCGN, IPLTP, MAXSLABEL121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WED230 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LABEL127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LABEL 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (CLABEL 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      L ABEL 133
                                                                                                                                                                                                                 LABEL11
LABEL1
                                                                                                                                   LABEL 1
                                                                                                                                                             LABEL 1
                                                                                                                                                                                       LABEL1
                           LABEL 1
                                                      COMMON /VEHS/ NVEH,NWVEH,NBVEH,NLVEH,NVHMAX,TBVEH(5,31),NPREF,VPRELABEL1
                                                                                                          LABEL1
                                                                                LABEL1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RDCRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INTEGER MAME (2), DESCRP(3), CONTN(2), CATEG(2), UPWT(2), DWNWT(2), EXPNDROCRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ROCRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                EQUIVALENCE (CARD(1), NAME(1)), (CARD(3), DESCRP(1)), (CARD(7), CONTNRDCRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ((1)), (CARD(9), CATEG(1)), (CARD(11), UPWT(1)), (CARD(13), DWNWT(1)), RDCRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EQUIVALENCE (OFFLOD, KOPT(1)), (BASE, KOPT(2)), (SINDEP, KOPT(3)),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1(2), TBCONT, B, PNTER, CLASS, CAT, TBVEH, DDB, PKWRD, VOLUME
                                                                                                                                                                                                                 PNAME (3,63), NPROG, MNAME (3,63), NMISS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ALVEH, KOPT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EQUIVALENCE (NCE, NCRD), (TBCNT(1,1), TBCONT(1,1))
                                                                                                                                                                                                                                                                    /008S/ NDD3,NWDD8,N8DD8,NLDD8,MDD8,NBLK
                                                                                                                                                                                                                                                                                                                                                   /FIBL/ MT3L,NT3L,NT8L1,NT8L2,NFT8L(200)
                         COMMON /LEGS/ NLEG, NLGMAX, TBLEG(12,63), LASTLS
                                                                                                        /SPDS/ NSPD,NBSPD,NLSPD,TBSPD(3,20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EQJIVALENCE (DUB(1), 08(1), 1008(1), 108(1))
                                                                                                                                                                                                                                         LNGTH, NWMISS, NBMISS, NLMISS
COMMON /CONT/ NGUNT, NCTMAX, TBCONT (8, 20)
                                                                                                                                  /FACS/ NFAC,NWFAC,NBFAC,NLFAC/CRGS/ NCE,NWCE,NBCE,NLCE
                                                                                                                                                                                                                                                                                                                                                                                                       /MAXS/ MAXA, MAXC, MAXF, MAXI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DIMENSION DB(1), IDDB(1), IDB(1)
                                                                                                                                                                                                                                                                                              /IVA/ MIVA,NIVA,IVA(250)
                                                                                                                                                                                                                                                                                                                        /IFA/ MIFA,NIFA,IFA(600)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REAL TBCNT(8,1), TEMP(3)
                                                                                                                                                                                       LCE, LFAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PR,LIMOI,LIBUC,LIML1
                                                                              F(23), VOVEH, VEH(33)
                                                                                                                                                                                                                                                                                                                                                                              /XEL/ KEL
                                                                                                                                                                                       /LCLF/
                                                                                                                                                                                                                 /PROG/
                                                                                                                                                                                                                                          /SSIW/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FYEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMMON DOB(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INTERNATIONAL PROPERTY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMMOS
                                                                                                                                                                                                                                                                                                                                                                                                                                  NOMFOO
                                                                                                          COMMON
                                                                                                                                                                                                                                                                                                                                                                                                        COMMOS
                                                                                                                                   COMMON
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                                                                                                                                                                                                                                          COMMON
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                                                                                                                                                                                                                                                                                                COMMON
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                                                                                                                                                                                                                                                                                                                                                                             NOMMOD
                                                                                                                                                                                                                 COMMON
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	•	2 (CARD(15), EXPND(1))	OC. S.C.	10
	ပ		2 C	11
	ن	4014444444	000 CR	13
)	DATA 3/1H /	DCR	14
	ပ		DCR	15
r		ا ب ا	2 C	10
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ഹ		<u>ာ</u>	200	77
10	U	8CE=I3P008+	RDCR3	22
	ပ	EAD CARGO NAME, DESC	RDCR	54
	ပ	AND EXPENDABLE.	DCR	52
	ပ		DCR	56
	1 G	UNITNO	DCR	27
		F (NAFAG.	DCR	28
14		ALL READER	OCR	53
	20	ONIINO	OCR	30
		F (NAME(1).EQ.6HTABLE) GO TO 2	OCR	31
17		(NAME(1).EQ.6HPROGRA) GO TO 23	DCR	35
	CVAG	NCODE (DESCRP, 360) (NAME (I), I=3,6	OCR	33
21		NCODE (18,360,TEMP) (NAME(I),I=	DCR	34
	CVAC	ONTINUE	OCR	35
	•	ECODE (DCR	36
		CE=NCE+1,	OCR	37
		F (NAY	DCR	38
		ERR=JER	OCR	39
		RINT 34	DCR	0 7
		CE=NCE-1	DCR	41
		0 TO 10	DCR	45
54	3.0	F (NOE	OCR	43
	ပ		DCR	† †
	ပ	CHECK DUPLICATE CARSO NAME.	DCR	45
	ပ		DCR	9+
56		CE-1	OCR	
22		0 40 I=1, I2	OCR	8 1
		X = NBCE+NMC	DC R	

64 75 110 112	0 7	IF ((NAME(1).Ne.DDB(LX)).OR.(NAME(2).NE.DDB(LX+1))) GO TO 40 Print 320, ngqu,name(1),name(2) Jerr=Jerr+1 Continje	RDCRG 50 RDCRG 51 RDCRG 52 RDCRG 53
	ນບເ	STORE CARGO NAME INTO DYNAMIC DATA BLOCK.	
	л С	0 65 I=1,2	
124	9	INUE	26 5 75 5
	ပ ပ	ACTURE OFFICE ACTUAL OFFICE ACTUAL AC	გ ე ი
1	. U		999
125		1) • NE • 6	9 4 9 4
u m		F (DESCREÇA), NE. 6H) 30 TO 7	9 9 9
M	,	RINT 330, NCRO	₹6 6
4		ERR=JERR	۶ کو و
	S)		33. 6
	ပ ပ	STORE DESCRIPTOR INTO DYNAMIC DATA BLOCK.	26 26 46
4	20	08 (ICP008+3)=0ESCR	. 6 26 7
145		t	23 7
4		DB(IGPDD8+5)=DESCRP(36 7
S	(XTWRD=	76 7
•	ပ		ر ا
	ပ ပ	CHECK FOR CLASS AND POINTER	25 26 7
R	,	NTEDE	36 7
S		LAS	36 7
'n		AT=0	₹G 8
5		0 30 I=1, NCON	₹6 8
9		F (CONTN(1) .NE.TBCON	3G 8
9		F (CONTN(2) . EQ. TBCONT(2, I)) GO TO 9	25. 8
9	80	ONTINUE	გ გ
/		F ((CONTN(1)) EQ. 6HD ISCRE	36 8
201 214		CRD,CONTN(1),CONTN(2	ა გ. დ დ დ
1		0 TO 110	₹G 8
2	96	NTER=	ج 8

220 222 223	160	CLASS=T3CNT(5,1) GO TO 110 CLASS=3	RDCRS 90 RDCRG 91 RDCRG 92
	ى ن د	CHECK FOR CATESORY AND POINTER	DCRG 9
^	110	F ((CATEG(1), FO. 6HMATERI), AND, (CATEG(2), EO, 4HAL)) CAT=	ocke 9
235	ı).AND. (CATES(2).EQ. 4HNEL)) CAT	DCRS 9
4		F ((CATEG(1), EQ. 6HFACILI), AND, (CATEG(2), EQ. 4HTIES)) CAT=	DCRG 9
S		F ((CATEG(1), EQ.6HFACILI), AND, (CATEG(2), EQ.4HTY)) CAT=	DCRG 9
9		F (CATEG(1), EQ, 6HSATELL) CAT=3	DCR310
1		F (CATEG(1) . EQ. 6HSATELI) GAT=	DCRG10
~		F (CATEG(1).EQ.6HSATTEL) CAT=3	DCRG10
~		F ((CATEG(1), EQ, 6HVEHICL), AND	DCRG10
7		F (PNTER.NE.0) 50 TO 1	DCR310
4		0 120 I=1,NVEH	DC 3G 10
2		F ((:14ME(1).E	DCRG10
M	120	ONTINUE	DCRG10
M		F (NFA	DCRG10
3		=VBFAC	DCRG 10
~		0 130 I=1,NFA	DCRG11
4		Z) L	DCRG11
S	130	-C+NM-AC	DCRG11
S		RINT 35	DCRG11
9		0 TO 180	DCRG 11
9	150	AT=3	DCR311
1		0	DCRG11
/	9	AT=4	DCRG11
/	/	NTER=	DCR311
/	180	F (CAT.NE.0) GO TO 19	DCRG11
1		RINT 290, NGRU, CA	DCRG12
-		ERR=JERR+1	DCRG12
-	190	ALL PACK (PNTER, 12, PKWRD, 0	DCR312
-		ALL PACK (CLASS, 12, PKWRD,	DCRG12
2		ALL PACK (CAT, 12, PKWRD, 24	DCRG12
\sim		03 (13°008+NXTWRD) = PKWR	DCR312
	ပ		RDCRG12
	ပ	JP WEIGHT A	DCRG12
	ပ	YNAMIS DATA BLO	DCRG12
	ပ		0.53.10

	-		
~		0 200 I=11,1	3613
3		XTWRD=NXTWRD+1	RDCR3131
P.		ACTOPODA+NXIM	2613
) /			2613
L (F (1588,18,0) GO TO 200	3613
		DIAT ADD NOME TA	7.13
* 1		MAIN SOUND NORON WARRENTS	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
S		EXKHUTKK	4613
S	200	BONILNO	3613
9		F (003(ICP00	2313
9		F (303(ICPD03+NXTWRD).NE.0) G0 T0 21	3613
မှ		RINT 310, NCRD	3614
473		ERR+1	3614
/	210	XTWR0=NX	3314
			3614
	د	CHECK AND STORE VOLUME FACTOR FOR DISCRETE ITEMS ONLY	3614
	Ċ		3G14
~		OLUME=	3314
~		F (CLASS.NE.3) GO TO 2	3614
0		F ((ExPND(1), EQ. 3), AND, (EXP	3614
₩		ALL VALUE (EXPND, VO	3614
+		F (IERR. EQ. 0) 50 TO 220	3615
-		ERR=JERR+1	3615
-		RINT 300, NCRO, EXPND(1)	3615
3	220	PDDB+NXTWRD)=VOLUME	3615
M		CP003=ICP008+NXTWR	3615
M		F (CAT.NE.3) CALL	3615
541		0 TO 10	3315
	U		3615
	ပ	TORE ALL THE C	3615
	ပ	DYNAMIS DATA BLOCK.	3615
	ပ		316
4	230	LASS=	3616
4		ALL PAC	3616
Ŧ		TBCNT=LCE	3616
245		11+	316
S		0 273 I=	3616
	ပ	•	3616
S		NTE	RDCRG167
553		CA1=1	3616
S		<u>н</u>	२५ 1 ६

556 557 570		J=NBFAC DO 240 K=1,NFAC IF ((TBCONT(1,I).EQ.DDB(J)).AND.(TECONT(2,I).EG.CDB(J+1)))) 60 T0	RDCRG170 RDCRG171 2RDCRG172 RDCRG173
	240	J=J+			DCRG17
0		0 TO 25			DCRG17
0	250	AT=			DCRG17
0		NTER=K			DCRG17
610	250	ALL PACK (PNTER			DCRG17
4		ALL PACK (CAT, 12, PKWRD, 2			DCRG17
	ပ				DCRG18
0		DB (ICPDDB+1) = TBCONT(1,			DCRG18
~		DB(ICPDCB+3)=TBCONT(DCRG18
M		DB(ICPDDB+2) = TBCONT(2,			DCRG18
3		DB(ICPDDB+4) = TBCONT(2,			DCRG18
M		08 (ICP 008+6) = PKWR			DCRG18
M		D9(ICPDD8+7)=T8CONT(4,			CCRG18
M		09 (ICPDDB+8) = TBCONT(DCRG18
ţ		DB(ICPDDB+9)=TBCONT(6,			DCRG18
4		CE = NCE +			DCRG18
ţ		X= I CP008			DCRG19
7 7 9		-4.)268,			E RODI
S	566	3(LX)=98(LX)+TECNT(3,I			ERODI
S	S	CNILNO			ERODI
Ŋ		CP008=ICP009+NM			DCRG19
Ŋ		ALL SWITCH (DCRG19
ß	270	UNIIND			DCRG19
	U				CCRG19
662		RETURN			DCRG19
	ပ				CCRG19
	ပ				DCRG19
	ပ				DCR619
	280	ORMAT (6X,35HIN THE CARGO ELEMENT TA	CARD , 13, 16H	HE C0	ARCCRG 20
		,52H, IS NOT DEFINED, CR TH	-DISCRETE-	SS	NFDCRG 20
	(F 6 C	RUCKGZU
	162	FUKMAI (6X, 35HIN THE CAKGO ELEMENI TA	UN CARC , 13, 15H	IME CAIR	OKULKG ZU
	•	RY, , A6, A4, 22H, IS NOT RECCGNIZABLE.)		1	RUCKG20
	300	FORMAI (6X,35HIN IME CARGO ELEMENI I	CN CARD ,13,12H	THE FIEL	טאטמאט פעקמטמי
	240	*Ab;A4,254+ CONTAINS A NON-NOMERIC.	12 20H	A 011 PH	
	⊣ i	ORBAL (SA) SOUTH THE CARGO SEEMEN LAGE		ב ט	1

		10 DOWN WEIGHTS ARE BOTH ZERC.)	RDCRG208
	320	FORMAT (6X, 35HIN THE CARGO ELEMENT	FORMAT (6X, 35HIN THE CARGO ELEMENT TABLE CN CARD , 13, 11H THE NAME ROCRG209
		1-, A6, A4, 24H- HAS ALREADY BEEN USED.) RDCRG210
	330	FORMAT (6X, 35HIN THE CARGO ELEMENT	TABLE ON CARD , 13, 27H THE DESCREDORG 211
		11PTOG IS MISSING.)	RDCRG212
	340	T (6X, 35H.	IN THE CARGO ELEMENT TABLE ON CARD , 13, 18H THE NAME ROCRG213
	٠		RDCRG214
	350	FORMAT (24H *** THE CARGO ELEMENT-	, A6, A4, 64H - DCES NCT FOINT TOWAFDCRG215
		규	, VEHICLE OF FACILITY TABLE***)
	360	FORMAT (46, 44, 46, 42)	RDCRG217
	370	FORMAT (3A6)	FDCRG218
662		ONE	RDCRG219

RDMISS 2 RDMISS 3 RDMISS 3
BROUTINE RDMISS ROMISS
AKE ENTRIES TO CARGO TABLE RDMISS
RDMISS
OMMON /CONT/ NGUNT, NGTMAX, TBCONT(8, 20)
LEGS/ NLEG, NLGMAX, TBLEG(12,63), LASTLG
COMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH(5, 31), NPREF, VPRELABEL1
(23), 40VEH, VEH (30)
OMMON /SPDS/ NSPD,NBSFD,NLSPD,TRSPD(3,20)
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC
OMMON /CRGS/ NCE, NWCE, NBCE, NLCE
04MON /LCLF/ LCE, LFAC
OMMON /PROS/ PNAME(3,63),NPROG,MNAME(3,63),NMISS LABEL11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS LASEL11
OMMON /JDBS/ NDDB,NWDDB,NBDDB,NLDDB,MDDB,NBLK
OMMON /IVA/ MIVA,NIVA,IVA(250)
OMMON /IFA/ MIFA, NIFA, IFA(630)
OMMON /FTBL/ MTBL, NTBL, NTBL1, NTBL2, NFTBL(200)
OMMON /KEL/ KEL
DMMON /MAXS/ MAXA, MAXC, MAXF, MAXI
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IRELOTLABEL 11
OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, LABEL11
ITBONT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JLABEL12
LAS, NAFAC, NOSF, NUSC, ICNT, L2MOT, I77, J77, KOPT (10), MAX CGN, IPLTP, MAXSLABEL 12
PR, L1WJT, L1BUG, LIML1 WED230
ABEL 12
BEL 12
LABEL12
ABEL 12
LABEL12
ABEL 12
LABEL12
QUIVALENCE (308(1),08(1),1008(1),108(1))
EQUIVALENCE (OFFLOD, KOPT(1)), (BASE,KOPT(2)), (SINDEP,KOPT(3)), (CLABEL13
0411001 0411001 0411001
ABEL 13
NTEGER NAME (10), ICARGO(3), PNAME, TBLEG, TBVEH, DDB, TEMP (3), PN, LIOC (2RDMIS
1), CE (310), WLF (310), JCARGO(3) RDMISS

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C REAL WTLF(1) C COMMON /ASDAT/ LIOC, LSCHO, PNMN, CE, WL 1ESP, DATEST, ICARSO, JCARGO, JWORD, ICEO, 2, NSCHO, NSHP, TEMP, L3 C EQUIVA_ENCE (CARD(1), NAME(1)), (DATE 1, NL/MISS), (WTLF(1), WLF(1)), (DATE 1, NL/MISS), (WTLF(1), WLF(1)), (DATE 1, NL/MISS), (WTLF(1), WLF(1)), (DATE 1, NL/MISS), (WTLF(1), WLF(1)) C IF (NAFAC.NE.0) GO TO SO REWIND L1WOT 10 NIVA=0 NI	F,ILEG,IVEH,IPHASE,IOC,IDP,O ICEN,MUST,LNAME,MAX,PHASE,NS	PI,IOP), (DATECI,IOC), (ICPODBROMISS1 ROMISS1 ROMISS2 ROMISSS	DMISS2 ED2302	E02302	EU2302 ED2302	DMISS2	DMISS2 DMISS2	DMISS2	DMISS2	DMISS2 DMISS2	DMISS3	CCCTMO	DMISS3	DMISS3	DMISS3	DMISS3	DMISS3	DMISS3	DMISS4	DMISS4	TOWING SECTION OF SECT	4SSIMO	DMISS4
	REAL WILF(1) COMMON /ASDAT/ LIOC,LSCHD,PNMN,CE, ESP,DATEST,ICAR30,JCARGO,JWORD,ICE, NSCHD,NSHP,TEMP,L3	EQUIVA_ENCE (CARD(1),NAME(1)), (DA,NLMISS), (WTLF(1),WLF(1))	F (NAFAC.NE.3) GO TO 5 EWIND LIWOT	CN1=0	IMC1=513/NWMIS NGTH=C	AX=63	1	WO-SO=	WORD=8	AXCON=0 HASSELD	CE0=0		5 ii ii Sii i) ii	MORD=10000	ALL PACK (1,1,JWORD,	0 10 I=1,MIV	O SO THISMIF	FA(I)=0	UST=1	P20G=	MISS=3	NAME (I - 1) IN	0 40 I=10,18
	o o oo	ပ ပ																		٠			

	() ()	NAME (I , 1) =	DMISS4
		CP003=NLCE+N	PAISSMO
		BMISS=ICPDDB+1	DMISS4
		F (NAME (3) . EQ	DMISS4
29		50	RDMISS50
	5.0	ALL READE	DHISSE
		F (NAME(1) . EQ. 6HFACILI) 30 TO 14	DMISS5
		F (NAYE (1) . EQ. 6HELEMEN) GO TO 15	DMISS5
		F (NAME(1) . EQ. 6HSCHEDU	DMISS5
		F (NAME(1), EQ. 5H AND, NSCHD, EQ. 6HSCHEDU) GO TO 16	SSSIMO
		F (NAME(1) . EQ. 6H . AND . NSCHD	DMISS5
		F (NAME(1).EQ.6HSATELL) GO TO 560	DMISS5
	6.0	ii.	DMISS5
		IL=6	DMISS
		GF = 0	DMISS6
		F (NAME(1) . EQ. 6HREPORT) GO TO 1	DMISS6
		F (NAME(1) . EQ. 6HPROGRA) SO TO 90	DMISS6
		F (NAME(1) . EQ. 6HMISSIO) GO TO 2	DMISS6
		F (MUST.NE.1) GO TO 7	DMISS6
		RINT 1050, (PNAME(I,N	DMISS6
		ERR=JER	DMISS6
	2.0	F (NAME (1) . EQ. 6HPHASE) GO TO 27	OMISS6
		F (NAME(1).	DMISS6
		F (NAME(1) . E 6HLEG) GO TO 39	DMISS6
		F (NAME(1) . EQ. 6HVEHICL) 30 TO 41	DMISS7
		F (NAME(1) . EQ. 6HSTART) GO TO 48	DMISS7
		F (NAME(1) . EQ. 6HSTOP) . GO TO 52	DMISS7
		F (NA 4 E (1) . E Q . 6 H CARGO) GO TO 62	DMISS7
		F (NAME(1).EQ.6HCOUPLE) 50 TO 84	DMISS7
		F (NAFAC.EQ.3) GO TO 11	DMISS7
		F (NAFAC.EQ.4) GO TO 4	DMISS7
		F (NAFAC.EQ.0) GO TO 8	DMISS7
		ALL DOBSF	DMISS7
		ETUR	DMISS7
	8.0	DNILNO	DMISS8
		RINT 1060, (PNAME(I,NPROS), I=1,3), (MNAME(I,NMISS), I=1,3), (NAME(DMISS8
		I=1.10)	DMISS8
		JERR=	DMISS8
		0 TO 50	DMISS8
20	93	P-505-	DMISSB

NAME (I) • I=3•6)	I=3,6)	(I,NPROS), I=1,3))) GO TO 10	,1)) 60	,I)) GO TO 10			=1,3)					TO 120																TO 170					10 196	
TO 220	NAN	(PNAME			E.PNAM	NE.PNAME (2	E. PNAME (910	L, NPROG), L			•) 60 T										O TO 610						1 05 0					05 (
الا كا الا كا كا	123	ESODE	CHNPRO	0 100 I=1,I2	F (PNAME(1,NPROG)	F (PNAME(2,NPROG),	F (PNAME(3,NPROG).	P305=NPR06	F (ICF.EQ.1) 50 TO	RINT 1070, (PNAME(ERR=JERR+1	0 TO 21	UNIINO	0 TO 2	ı	SCHD=5	1	M	NAME (1) = NAM	NAME (2) = NAM	0 130 N=3,16,	SHPHNS	() ()	ONILNO	LL.	0 70 5	A=A	-	AFA	0	F (NAY	N=OHOS	SSC	ATA	0 180	F (NAME(N) . EQ	SCD=NS
CVAC	CVAC				-								100		110			•			120			130			140		150		160				170		
211	214	~	M	3	Ŧ	Ŧ	5	S	S	S	9	7	7	~	~	~	/	7	1	0	0	74	-	7	+4	4	4	~	2	N	2	2	2	N	M	M	334

RDMIS102 RDMIS103 RDMIS104 RDMIS105 RDMIS107 RDMIS107 RDMIS107 RDMIS109 ROMIS112 ROMIS113 ROMIS114 ROMIS115 ROMIS116

RDMIS110 RDMIS111 ROMIS118 ROMIS119 ROMIS120 RDMIS122 RDMIS123

ROMIS 121

RDMIS124 RDMIS125

RDMISS97 RDMISS98 RDMISS99

RDMIS100 RDMIS101

ROMISS86 ROMISS87 ROMISS88 ROMISS89 RDMISS92 RDMISS93 RDMISS94

RDMISS91

RDMISS95 RDMISS96

		ALL VALUE	DMIS12
		IOC (NSCO) = NIO	DMIS12
	∞	ONTINO	DMIS12
	σ	0 TO 5	DMIS12
	200	NILNO	DMIS13
		=NPROG	DMIS13
		F (ICF.E	DMIS13
	210	ATEPI=0.0	DMIS13
		CARGO(1)	DMIS13
		UST=1	DMIS13
		ALL PAC	DMIS13
		0 TO 260	DMIS13
0.9	220	RINT 1080	DMIS13
		ERK=JERR	DMIS13
		0 TO 5	DMIS14
	230	MISSHWHISS+1	DMIS14
	-	F (NMISS.GT.MAX) GO TO 22	DMIS14
	CVAC	NCODE (MNAME (1, NMISS), 1020) (DMIS 14
22		N303E (18,1220,TEMP) (NAME(I),I=	DMIS14
	CVAC	ONTINUE	DMIS14
	w	E300E (18,1233, TEMP) (MNAME(I, NMISS),	DMIS14
		F (IC=.EQ.0) CALL PACK (0,24,ICARGO(1),0	DMIS14
		2=NMISS-1	DMIS14
		0 243 I=1,I	DMIS14
		F (MNAME(1,NMISS),NE,MNAME(1,1)) 50 TO 24	DMIS15
		F (MNAME(2, NMISS)	DMIS15
		F (MNAME(3,NMISS).NE.MNAME(3,1)) 60 TO 24	DMIS15
		MISS=NMISS-1	DMIS15
		0 TO 25	DMIS15
	240	UNITNO	RDMIS155
		=NMISS	DMIS15
	250	NILNO	DMIS15
		F (ICF.EQ.1) 30 TO	DMIS15
		ALL PACK (I,6, ICARGO(DMIS15
		UST=3	DMIS16
	260	CAR	OMIS16
		LEG=	DMIS16
		VEH=	DMIS16
		ATECI=0.	DMIS16
79		EST=0	DMIS16

RDMIS16 RDMIS16 ROMIS16 RDMIS17 RDMIS17 RDMIS17 RDMIS17	DMIS17 DMIS17 DMIS17 DMIS17	OMIS17 OMIS18 OMIS18 OMIS18	RDMIS18 RDMIS18 RDMIS18 RDMIS18 RDMIS18 RDMIS18 E(I,NMISS),I=1,3),(NAME(I)RDMIS18 RDMIS18	RUMIS19 ROMIS19 ROMIS19 (I,NMISS), (NAME(I)ROMIS19 ROMIS19 ROMIS19	ROMIS197 ROMIS199 ROMIS260 ROMIS201 ROMIS203 ROMIS203
DATESPE SO TO 3 CALL VA IF (IER IF (NAY IF (NAY PRINT 1	1, I=1,10) JERR=JER GO TO 50 PHASE=1. GO TO 32	PHASE=2. GO TO 320 PHASE=3. SO TO 320 IF (PHASE.L	IF (PHASE.GT.3.) GO TO 33 IPHASE=PHASE CALL PACK (IPHASE,2,ICARGGO TO 50 PRINT 1990, (PNAME(I,NPRO) 1, I=1,10)	100 TO 50 CALL VALUE IF (IERR, E PRINT 1100 1, I=1,10) JERR=JERR+	O H H G G G H H G G F F G G G F F G G G G
270	∞	290 300 310	320	340	350 360
4470 4770 4770 4770 4770 4770	4440	5000 5000 5000 5000 5000	N W W A R	,0000	6010 6010 6011 6011 6010 6010

ROMISSO ROMISSO ROMISSO ROMISSI ROMISSI ROMISSI ROMISSI	1821 1821 1821 1821 1821	ROMISS2 ROMISS2 ROMISS2 ROMISS2 ROMISS2 ROMISS2 ROMISS2	RDMIS228 RDMIS229 RDMIS233 RDMIS233 RDMIS233 RDMIS235 RDMIS236 RDMIS236 RDMIS236 RDMIS236	1824 1824 1824 1824
R R R , NPROG), I=1, 3), (MNAME(I, NMISS), I=1, 3), (NAME(I)R R	E(3)) GO TO 400 E(4)) 30 TO 400 RGO,0)	NPROG), I=1,3), (MNAME(I,NMISS), I=1,3), (NAME(I) 420 NPROG), I=1,3), (MNAME(I,NMISS), I=1,3), NAME	EG),18,IGARGO(2),6) 3(6,ILE3),12) (1),12) NAME(J),EQ.6H)) N=0),AND,(NAME(J+1),EQ.4H)) GO TO 450	, N)). AND. (NAME(J+1).EQ.TBVEH(2,N))) 50 TO 4
ONTINUE ATEPI=DATE ATECI=DATE 0 TO 360 RINT 1110, (PNAME(I I=1,10) ERR=JERR+1	0 400 I=1,NLEG F (TBLEG(1,I).NE.NA F (TBLE3(2,I).NE.NA LEG=I ALL PACK (ILEG,6,IC	ONTINUE RINT 1120, (PNAME(I, I=1,10) ERR=JERR+1 O TO 50 F (ILEG.NE.0) GO TO RINT 1130, (PNAME(I, ERR=JERR+1	TO 50 L PACK (TBLEG(6, I L UNPACK (N, 6, T3L L PACK (N, 6, ICARG H=1 470 I=1,4 *I+1 (NAFAC.EQ.4) J=7 ((I3AP.EQ.4) J=7 ((I3AP.EQ.4) J=7 ((I3AP.EQ.4) J=7 ((NAME(J).EQ.4HNON	7 (NAME(J).EQ. 0 430 N=1,NVEH F ((NAME(J).EQ 3
370	390	410	420	
tt 00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7 1 t 3 t 2 t 2 t 3 t 3 t 3 t 4 t 4 t 3 t 3 t 4 t 4 t 4	- 0 -

RDMISS24 RDMISS24 RDMISS24 RDMISS25 RDMISS25 RDMISS25 RDMISS25 RDMISS25	1825 1825 1825 1825	1825 1825 1826 1826 1826	1826 1826 1826 1826 1826 1826	1826 1827 1827 1827 1827 1827	SISSISSISSISSISSISSISSISSISSISSISSISSIS	1528 1528 1528 1528 1528
.),L=1,3),(MNAME(L		, NMISS), I=1,3), (N		, NMISS), I=1,3), (N	, NMISS), I=1,3), (N	
(J+1), (PNAME (L, NPROS) 77)) GO TO 460 ,6, ICARGO(1), 12)		R) I=1,3),(MNAME(I		I=1,3),(MNAME(I,	RR) , I=1,3), (MNAME(I,	
NAME (J), NAME ME AND. (N. NE. I CALL PACK (N	IVEH=2 •4) GO TO 588	NAME(3), DATE, IER û) GO TO 493 (PNAME(I, NPROG),	50.1 GU TO 500 1) GO TO 510 :DATECI	(PNAME(I,NPROG),	NAME(3), DATE, IE 0) 30 TO 530 (PNAME(I, NPROG)	.50.1 60 T0 540 11 60 T0 550 .DATECI
CONTINUE PRINT 1140, 1S), L=1,3), NA JERR=JERR+1 GO TO 460 IF ((N•NE•0) IF ((1•EQ•1)	F (N. EQ. O ONTINUE F (NAFAC.	0 TO 50 ALL VALUE F (IERR•E RINT 1150 I=1,10)	ERR=JE 0 TO 5 F (DAT F (IDS AFEST= 0 TO 5	ATEST= 0 TO 5 RINT 1 III,10 ERR=JE	ALL (A F (IER RINT 1 I=1,10 ERR=JE 0 TO 5	F (DAT F (IDC ATESP= 0 TO 5 ATESP=
7 1 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	024	∞ ∞	064	500	520	530
1022 1025 1050 1052 1051	0 1 1 1 1 0 1 0	0000	-65- 1132 1136 1136 7) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1206 1212 1213 1214 1214

RDMIS326 RDMIS327 RDMIS328 ROMIS329	[533	533	1533	533	[S 33	1533 1533	533	1533	[533	1834	1834	1834	IS34	[S34	534	1834	1834 1834	+001	すっとい	ひっている	של האל	1535	[\$35	1835	1835	S32	[\$35	1832	S 3 6	1836	536	2000	9881
30 TO • AND • GO TO	F (IDC.EQ.0) 30 TO 600	F (NAME (1) . EQ. 6HCARG	CARGO (3)=C	0 533 N=1,NCE	BASE=(N+1)*NWCE+NBCE	F ((0)B(NBASE)	COLTINO	RINT 1	I=1,10)	JERR=JE	0 TO 50	UNITNO	ALL SWITCH (N)	F (N. GT.LCE) N=LCE	B&SE=(N-1)*NWCE+NBCE	ALL PACK (N,12, ICARGO(2),24)	ALL UNPACK (ITEMP,12,008(ALL FACK (0,4,1CAKGO(2),0)	F (ITEMP.EG.3) CALL PA	F (ILEMP,NE.5) GO IO 65	1-000(NOASE+3	ALL PACK (1.1	AXCGN=MAXCGN+1	ALL PACK (MAX	CARGO (3) = JWOR	ONTINO	TUP=08 (NBASE+6	10N=D8(VEH=IVEH	F (ITEMP.EQ.1) JVEH	F (WTUP*WTDN) 670,66	VEH=1	_ ر د د
620							630					040		٠												650						۰ ي	929
						o		~							_					~ c			_	٠.			_			_	_		

51		IF (WTUP) 690,700,690	336	
25	069	ONTINUE	336	
52		F (JVEH.EQ.1) GALL P	536	
1525		F (ITEMP.EQ.1) CALL PACK (1,1,1CARGO	536	
53	700	RTON=-1	537	
53		F (NAME(7), EQ. 6HDEPLOY) IRTON=	537	
53		F (NAME(9) . EQ. 6HDEPLOY) IRTON=	537	
54		F (NAME(7).EQ.6HRETRIE) IRTON=	537	
54	. :	F (NAME(9), EQ, 6HRETRIE) IRT	\$37	
54		F (NAME(7) . EQ. 6HSERVIC) IRTON=	537	
55		F (NAME(9) . EQ. 6HSERVIC) IRTON=	S37	
55		F (IRTON.NE1) CALL PACK (IR	537	
56		F (IRTON.NE1) JVEH=	\$37	
56		NUMB=1	537	
56		ALL VALUE (N	538	
56		F (IERR.LE.0)	538	
57		RINT 1210, (PNAME(I,NPROG), I=1,3), (MNAME(I,NMISS), I=1,3), (NAME(538	
		I=1,10)	538	
9		G0 T0 5	538	
9	710	UMBER=CNUM	538	
61		DN L	538	
61		WORD=0	538	
61		WJRD=0	538	
61		ALL PACK (NUMBER, 12, NWORD, 2	538	
61		ALL PACK (NUMBER,6, IWORD, 3	\$39	
62		ALL PAGK (ILEG,6,NWO	\$39	
62		ALL UNPACK (M,12,DDB(N	539	
63		F (M.NE.4) GO TO 7	\$39	
63		ALL UNPACK (N,12,00	539	
63		ALL PACK (N,6,NWORD	\$39	
49	720	F (M.NE.3) 50 TO 730	539	
49		ALL UNPACK (TEMP,12, ICARG	539	
9		ALL PACK (TEMP,	\$39	
65		ALL PACK (N,12, IMORD,12	539	
65	730	1=1	240	
65		2=	240	
65		DATE=DATECI-RLDATE	240	
1661		PACK (SINDEP,1,1CARSO(3),14)	RDMIS403	
99		F (NAME(7).EQ.6HSINGLE) CALL PACK (1,1,ICAR	240	
29		F (NAME(9), EQ. 6HSINGLE) CALL PACK (1,1,1)ICA	240	

100 100 100 100 100 100 100 100 100 100			**************************************
F (IP 2= DAT 2= DAT 0 823 ALL P ALL P 0 793 0 793 0 750	ONTINUE ONTINUE NGTH=LNGTH+1 CNT=ICNT+1 F(ICNT-LT-LIML1) GO CNT=0 RITE(L1WOT) (DDB(K)	ONTINUE ONTINUE F (ITEMP.NE.5) GO TO 790 CARGO(1) = ICARGO(1) ALL PACK (I77,24,JCARSO(1),12) CARGO(2) = I77 CARGO(3) = ICARGO(3) ALL PACK (1,1,JCARGO(3),1) O 783 K=M1,M2 ALL PACK (CE(K),12,JCARGO(1), ALL PACK (CE(K),12,JCARGO(2),24, ALL PACK (CE(K),12,JCARGO(2),24,	L PACK (WLF(K), 18, JCAK 760 NN=1,NWMISS DDB=ICPDB+1 (ICPDB)=JCARGO(NN) TINUE TH=LNGTH+1 T=ICNT+1 ICNT.LT.LIML1) 30 TO 76 T=0 TE(L1WOT) (DDB(NN),NN=N DDB=NBMISS-1 TINUE
240	150	755	760
727777777777777777777777777777777777777	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2012 2013 2013 2013 2015 2022 2022 2034

+ MMMMMMMM + + + + + + + + + + + + + + +	*		KDMIS459 RDMIS461 RDMIS461 RDMIS463 RDMIS465 RDMIS465 RDMIS467 RDMIS469 RDMIS470 RDMIS470
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· .			
F (J.NE.1 BASE=(CE. BASE=(CE. ALL UNPAC ALL UNPAC ALL UNPAC ALL UNPAC ALL PACK	VA (NIV APL ABALL APLL PAALL PALL PAIL PAIL PAIL PAIL PAIL	AXCSN=MAXCSN+ AXCSN=MAXCSN+ ALL PACK (MAX ONTINUE F (JVEH.EQ.2) F (JVEH.EQ.2) F (M.NE.4) GO ALL PACK (IDA	NIVA=NIVA+1 IF (NIVA,GT.MIVA) GO TO 810 IVA(NIVA)=NWORD IF (M.NE.3) GO TO 820 CALL PACK (IDATE,6,IWORD,24) NIFA=NIFA+1 IF (NIFA,GT.MIFA) GO TO 820 IFA(NI ² A)=IWORD IDATE=IDATE+1 CONTINUE IF (NSCD,GT.L3) GO TO 610 GO TO 50 IF=7
	770	780	810 820 830 840
$\begin{array}{c} \bullet \bullet$		1	2151 2153 2154 2156 2156 2176 2176 2202 2202

1847 1847 1847 1847 1847	1847 1848 1848 1848 1848 1848	SISSISSISSISSISSISSISSISSISSISSISSISSIS	10040000000000000000000000000000000000	ROMIS500 ROMIS501 ROMIS502 ROMIS503 ROMIS506 ROMIS506 ROMIS509 ROMIS510 ROMIS511
•		GO TO		
		((()))		
	e e	1).EQ.NAME,		
		BASE+		
	10 950	ND.(DD		
	. 60 1	E AME(1)).A ,NPROG),I		
·	AME(3) AME(4) Q.6HEND	E WCE+NBCE E).EQ.NAN PNAME(I,	N) N=LCE HCE+NBCE	6) 8) 8) 0,880 (NBASE+7) 900 (NBASE+6)
	088FT 0CE+1)=N 0CE+2)=N EADER 4E(1)•E	N=1,NC (N+1)*N DB(NBAS UE 1200, (0.0 EEE CE CO	(NBASE+ (NBASE
101110	ALL 030 030 FL	088 000 - 1240 000 - 1	O T O T O T O T O T O T O T O T O T O T	A=A+08 B=3+03 C=C+09 IF (8) WTLF(I IF (A) WTLF(I
	850	860	873	C C B B B B B B B B B B B B B B B B B B
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ROM MNAME (I,MN), I=1,3), NAME ROM
) / A 0 0 / B

1090	ORMAT (6X,41HUNIDENTIFIED PHASE ENTRY IN MISSION DATA./6X,23HLASTRDMIS58 Program entry was ,3a6/6x,23Hlast mission entry was ,3a6/6x,23Hcardmis58 Orthase in Frror is .5(a6.a4.)
1160	FORMAT (6X,414IOC ENTRY IN MISSION DATA IS NOT NUMERIC./6X,23HLASTROMIS58 PROGRAM ENTRY WAS ,3A6/6X,23HLAST MISSION ENTRY WAS ,3A6/6X,23HCARDMIS58 RD IMAGE IN FREDRE IS ,54A6,441)
1110	FORMAT (6X,45HFIRST IOC ENTRY AFTER A MISSION ENTRY IS NOT ,12HA YROMIS58 EAR DATE,/6X,23HLAST PROGRAM ENTRY WAS ,3A6/6X,23HLAST MISSION ENTROMIS59 DY WAS ,3A6/6X,23HCADD IMAGE IN FRROR IS ,56/A6,AA)
1120	FORMAT (6X,46HLEG ENTRY IN MISSION DATA IS NOT IN LEG TABLE./6X,23RDMIS59 HLAST PROSRAM ENTRY WAS ,3A6/6X,19HLAST MISSION ENTRY ,4HWAS ,3A6/RDMIS59
1130	DAJZSHCARU IMAGE IN ERKOR IS JOIADJA47/ FORMAT (42HU VEHICLE CARD APPEARED BEFORE A LEG CARD /12H PROGRAMROMISS9 = .3ak.12H minnin = .3ak/25H card image in fronk in .5(ak.ak))Romins9
1140	FORMAT (15H0 VEHICLE NAME , A6, A4, 26H IS NOT IN VEHICLE TABLE./12HRDMIS59 PROGRAM = ,3A6,12H MISSION = ,3A6/25H CARD IMAGE IN ERROR IS ,RDMIS59
1150	FORMAT (6X,43HSTART ENTRY IN MISSION DATA IS NOT NUMERIC./6X,23HLARDMIS60 St program entry was ,3a6/6x,19HLast mission entry ,4HWas ,3a6/6x,RDMIS60
1160	SACARJ IMAGE IN ERROR IS ,2(A8)A4) ORMAT (6X,47HSTART ENTRY IN MISSIO R LACK OF A PREVIOUS IOC DATE. /6X 3A6/6x,23HLAST MISSION ENTRY WAS ,
1170	FORMAT (6X,42HSTOP ENTRY IN MISSION DATA IS NOT NUMERIC./6X,23HLASRDMIS60 T PROGRAM ENTRY WAS ,3A6/6X,23HLAST MISSION ENTRY WAS ,3A6/6X,23HCROMIS60 ARD IMAGE IN ERROR IS ,6(A6,A4)
1180	FORMAT (6X,46HSTOP ENTRY IN MISSION DATA CANNOT 3E ACCEPTED ,32HFORDMIS61 R LACK OF A PREVIOUS IOC DATE./6X,19HLAST PROSRAM ENTRY ,4HWAS ,3ARDMIS616/6X,23HLAST MISSION ENTRY WAS ,3A6/6X,13HUNACCEPTABLE ,14HCARD IMROMIS61
1190	FORMAT (41H0 LEG, VEHICLE, PHASE OR IOC DATE UNDEFINED/12H PROSRAM RDMIS61 = .3A6.12H MISSION = .3A6)
1200	ORMAT (6X,47HCARGO NAME ENTRY IN MISSION DATA IS NOT IN THE ,20HCRDMIS61 R3O ELEMENT TABLE./6X,23HLAST PROGRAM ENTRY WAS ,3A6/6X,23HLAST MRDMIS61 SSION ENTRY WAS .3A6/6X.23HCARD IMAGE IN ERROR IS .5(A6.A4))
1210 1220	FORMAT (6x,50HCARGO NUMBER ENTRY IN MISSION DATA IS NOT NUMERIC./6RDMIS61 x,23HLAST PROGRAM ENTRY WAS ,3A6/6x,23HLAST MISSION ENTRY WAS ,3A6RDMIS62 /6x,23HCARD IMAGE IN ERROR IS ,5(A6,A4)) FORMAT (46,A4,A6,A2)

230	03MAT (3A6)	KUMIS625
	FORMAT (36HD LEG UNDEFINED FOR SCHEDULING CARU/12H PROGRAM = ,3	, SAGRUMIS624
	1,12H MISSION = ,3A6)	RDMIS625
	ORMAT (6X,55H	GRORDMIS 626
	1UP./6x,23HLAST"PROGRAM ENTRY WAS ,3A6/6x,23HLAST MISSION ENTRY WASRDMIS627	WASRDMIS627
	6X,23HC	RDMIS628
		RDMIS629

	RPT
	DRPT
UBROUTINE	DRPT
OMMON /CONT/ NCONT, NCTMAX, TBCONT(8, 2	EL 1
OMMON /LEGS/ NLEG,NLGMAX,T9LEG(12,63),LASTLG	BEL 1
OMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH,	LABEL 1
(23), 40VEH, VEH(30)	ABEL 1
OMMON /SPDS/ NSPD,NBSPD,NLSPD	BEL1
OMMON YFACS! NFAC, NWFAC, NBFAC, NLF	BEL 1
OMMON /CRGS/ NCE, NWCE, NBCE, NL	ABEL 1
OMMON /LCLF/ LCE,LFAC	ABEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	BEL 11
OMMON /DDBS/ NDDB,NWDDB,NBDDB,NL	ABEL 11
OMMON /IVA/ MIVA,NIVA,IVA(250	ABEL 11
OMMON /IFA/ MIFA, NIFA, IFA (600)	ABEL 11
OMMON /FIBL/ MTBL, NTBL, NTBL	ABEL 11
OMMON /KEL/ K	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	BEL11
OMMON /YEAR/ FYEAR, LYEAR, NY RS, NY RS1, NY RS3, NTY RS (30), RLDATE, I	OTLABEL 11
OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPR	BEL 11
PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWP	JLABEL 12
FLAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, I77, J77, KOPT (10), MAXCGN, IPL	XSLABEL 12
PR, L1MOT, L1BUG, LIML1	E0230
	ABEL 12
INTEGER FYEAR	ABEL 12
	BEL 12
COMMON DDB(1)	ABEL 12
	ABEL 12
DIMENSION D8(1), IDD8(1), ID8(1)	ABEL 12
-	ABEL 12
008(1), 08(1), 1008(1), 108(1))	LABEL13
EQUIVALENCE (OFFLOD, KOF1(11), (BASE, KUP1(21), (SINDEP, KO	ABELIS
LVEH, KOPT (4)), (CONTRE, KOPT (5)), (IC	LABEL132 LABEL133
	ABEL 13
	DRPT
INTEGER CARD	RPT
	DRPT
DO 10 I=1,20	DRPT

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RURPI
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                                                                                                                                                                               IFL AG (1) =2
                                                                                                                                                                                          IFLAG(5)=2
                                                                                                                                                                                                     IFL AG (6) =2
                                                                                                                                                                              ((3480(3) .EQ.6HSPRINT).AND. (CARD(5) .EQ.6HSHORT
                                                                                                                                                                                         ((CARD(3) .EQ.6HVEHICL).AND.(CARD(5).EQ.6HSHORT
                                                                                                                                                                                                     ((CARD(3).EQ.6HCOST ).AND.(CARD(5).EQ.6HSHORT
                                                                                       CARD (3) =6HCOST
                                                                            IFLAS(11)=1
                                                                                                                                              IFLAG(10)=1
                                                                                                                                                         IFLAG(12)=1
                                                      IFLAG(4)=1
                                                                 IFLAG(5)=1
                                                                                                             IFLAG(7)=1
                                                                                                                        IFLA3(8)=1
                                                                                                                                   IFLAG(9)=1
                     IFLAG(1)=1
                                 IFLAG(2)=1
                                           IFLA5(3)=1
                                                                                                  IFLAG(6)=1
                                                                                                                                                                                                                                       20
                                                                                                                                                                                                                                     IF (CARD(1).EQ.6HREPORT) GO TO
                                                                                                                                                                                                                                                 (KOPT(4).EQ.2) IFLAS(10)=1
                                                                                                                                                                                                                                                             IFLAG (9)-1
                                                      CARD(3) . EQ. 6HTRAFFI)
                                                                            CARD(3).EQ.6HCOST80)
                     (CARD(3).EQ. 6HSPRINT)
                                CARD(3).EQ. 6HCONTAI)
                                           CARD(3).EQ.6HFACILI)
                                                                 CARD(3).EQ.6HVEHICL)
                                                                                       CA 2D (3) . EQ. 6HCOS T 80)
                                                                                                                        .CARD(3).EQ.6HDEBUS )
                                                                                                                                   CARD(3).EJ. 6HCALVEH)
                                                                                                                                              (CARD (3) .EQ. 6HPRT CAL)
                                                                                                             CARD(3).EQ.6HTABLES)
                                                                                                                                                         CARD(3).EQ. 6HPLOTS
                                                                                                  CARD(3).EQ.6HCOST
                                                                                                                                                                                                                                                            IF (KOPI(4), GI.0)
                                                                                                                                                                                                                           CALL READER
 IFLAG(I)=6
                                                                                                                                                                                                                                                                        RETURN
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SUBROUTINE LEGPRO	2 6
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ONBON VARGOV ICTORICTORIC OFFICE OF THE CONTRACT OF THE CONTRA	_
OMMON VLEGS/ NLFG.NLGMAX.TBLFG(12.63).LASTLG	
VEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH(5, 31), NPREF, VPRELAB	च
(20), VOVEH, VEH (30)	
COMMON /SPDS/ NSPD,NBSPD,NLSPD,TBSPD(3,20)	
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	
OMMON /CRSS/ NCE,NWCE,NBCE,NLCE	
OMMON /LCLF/ LCE,LFAC	1 9
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3,63),NMISS	110
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	⊣
OMMON /ODBS/ NDD3,NWDD8,NBDD8,NLOD3,MDD8,NBLK	-
OMMON /IVA/ MIVA,NIVA,IVA(250)	┯
OMMON /IFA/ MIFA,NIFA,IFA(600)	114
OMMON /FIBL/ MTBL,NT9L,NTBL1,NTBL2,NFTBL(200)	115
DMMON /KEL/ KEL	116
OMMON /MAXS/ MAXA,MAXC,MAXF,MAXI	117
OMMON /YEAR/ FYEAR, LYEAR, NYRS,NYRS1,NYRS3,NTYRS(30),RLDATE,IRELDTLAB	118
OMMON /MISC/ IFLAG(20),LOMCOR,JERR,CARD(16),LINE(33),IPROP,JPROP,LAB	
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JLABE	2
LAG,NAFAC,NOSF,NOSC,ICNT,L2WOT,I77,J77,KOPT(10),MAXCGN,IPLTP,MAXSLA	⊘
PR,L1MOT,L1BUG,LIML1	1 0
	2
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Ø	
LAB	
DIMENSION DB(1), IDDB(1), IDB(1)	128
84.1	
003(1),03(1),I008(1),I08(1))	
QUIVALENCE (OFFLOD, KOPT(1.)), (BASE, KOPT(2)), (SINDEP, KOPT(3)), (CLAB	
LVEH, KOPT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6))	m I
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ACCUMENT AND CHARLES AND CONTRACT AND CONTRA	† °
COMMON /ASDAI/ MODE, IYPE, DIRECI, VCAP, CCAP, FAC.OR(2), NEXP, IIFMS, NASS, NPRI, ICT, MANNEO, NEV, NFLI, NCR, VOLMAX, I	V M
NE, NMODE (3), CD2 (2, 20), UPON (2), CUTOFF, LIMOCC(2), NOCASD	1 t.
C(2), <td>ιν.</td>	ιν.

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CC INTEGER U CC INTEGER U CC INTEGER U CC COTA BOX, CC CALL UNPA CCALL UNPA CCALL UNPA CCALL UNPA CCALL UNPA COATA BOX, CCALL UNPA COATA BOX, CCALL UNPA COATA BOX, CALL UNPA COA	Z + Z > D O O • 4 (ASDAT 8 ASDAT 9 ASDAT 10 ASDAT 11 LEGPRO 8 LEGPRO 10 LEGPRO 11 LEGPRO 11 LEGPRO 13 LEGPRO 13 LEGPRO 14 LEGPRO 15 LEGPRO 15 LEGPRO 15 LEGPRO 15 LEGPRO 16
E DA LE COME LA LECOME LA LEC	VI, V2, V3, V4, YEAR, VEHNDX, FLTNO, VEHNO, RELDT, TIME, TBLES JCGN(2), JCI(2), TBVEH OL(2), GBWT(2), WTMAX(2), GBWTV(2), LOADFC, DISCRP(7) CRP/6HGROUND, 5H BASE, 5HCARGO, 5HG. B., 6HNO LON, 6HGSHORI , BOXZ/6HGB BOX, 6HNL BOX/ ACK (IBOX, 12, 6HAAAAAA, 0)	SUPAL SUPAL SUPAL SUPACO SUPAC
INTERPLET OF THE CENT OF THE C	V1, V2, V3, V4, YEAR, VEHNDX, FLTNO, VEHNO, RELOT, TIME, TBLES JCGN(2), JCI(2), TBVEH OL(2), GBWT(2), WTMAX(2), GBWTV(2), LOADFC, DISCRP(7) CRP/6HGROUND, 5H BASE, 5HCARGO, 5HG. B., 6HNO LON, 6HGSHORI , BOX2/6HGB BOX, 6HNL BOX/ ACK (IBOX, 12, 6HAAAAAA, 0)	SOL
INTEGE INTEGE 167 A T E GE CALL D A T A E GE ICONOXOLL D B D G E INTERNATIONAL D D G E INTERNATIONAL	VI, V2, V3, V4, YEAR, VEHNDX, FLTNO, VEHNO, RELDT, TIME, TBLES JCGN(2), JCI(2), TBVEH OL(2), GBWT(2), WTMAX(2), GBWTV(2), LOADFC, DISCRP(7) CRP/6HGROUND, 5H BASE, 5HCARGO, 5HG, B., 6HNO LON, 6HGSHORI , BOX2/6HGB BOX, 6HNL BOX/ ACK (IBOX, 12, 6HAAAAAA, 0)	666980 666980 666980 66980 66980 66980 66980 66980
INTEGE INTEGE 167 A T EGE 167 A T EGE 1680 X T A D 1680 X T A D 16	VI, VZ, V3, V4, YEAR, VEHNDX, FLTNO, VEHNO, RELDT, TIME, TBLES JCGN(2), JCI(2), TBVEH OL(2), GBWT(2), WTMAX(2), GBWTV(2), LOADFC, DISCRP(7) CRP/6HGROUND, 5H BASE, 5HCARGO, 5HG, B., 6HNO LON, 6HGSHORI , BOX2/6HGB BOX, 6HNL BOX/ ACK (IBOX, 12, 6HAAAAA, 0)	E C P R O D D D D D D D D D D D D D D D D D D
INTERPLET BE CONTROL TO CONTROL TO CONTROL CON	VI, V2, V3, V4, YEAR, VEHNDX, FLTNO, VEHNO, RELDT, TIME, TBLES JCGN(2), JCI(2), TBVEH OL(2), GBWT(2), WTMAX(2), GBWTV(2), LOADFC, DISCRP(7) CRP/6HGROUND, 5H BASE, 5HCARGO, 5HG, B., 6HNO LON, 6HGSHORI , BOX2/6HGB BOX, 6HNL BOX/ ACK (IBOX, 12, 6HAAAAAA, 0)	E C P R O 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
INTEGE TO THE CONTRIBUTION OF THE CONTRIBUTION	JCGN(2),JCI(2),TBVEH OL(2),GBWT(2),LOADFC,DISCRP(7) CRP/6HGROUND,5H BASE,5HCARGO,5HG, B.,6HNO LON,6HGSHORI ,BOX2/6HG3 30X,6HNL 80X/ ACK (IBOX,12,6HAAAAAA,0)	E G P R O L L E G P R O L E G
REAL LOAT A A L LOBOLL TO B LOBOLL TO B LO	OL(2),GBWT(2),WTMAX(2),GBWTV(2),LOADFG,BISCRP(7) CRP/6HGROUND,5H BASE,5HCARGO,5HG, B.,6HNO LON,6HGSHORI ,BOX2/6HGB BOX,6HNL BOX/ ACK (IBOX,12,6HAAAAAA,0)	6667801 667801 667801 667801 667801
TEAL TO SELECT TO SEA LO SEA L	ULICI, UBMINICI, WIMAXICI, UBMINICI, ULAUFU, ULSCRFICI CRP/6HGROUND, 5H BASE, 5HCARGO, 5HG. B., 6HNO LON, 6HGSHORI , BOX2/6HGB BOX, 6HNL BOX/ ACK (IBOX, 12, 6HAAAAA, 0)	E C P R O L L E C P R O L E C P
DATA DIS 16/ 0ATA 30X CALL UNP KBOX=-12 UBOX=-12 LASTCE=N IROUND=1	CRP/6HGROUND,5H BASE,5HCARGO,5HG, B.,6HNO LON,6HGSHORI,80x2/6HG3 30x,6HNL 80x/ ACK (IBOX,12,6HAAAAA,0)	E G P R O L L E G P R O L E G P R
16/ 0ATA 33X CALL UNP KBOX=-12 JCNN=0 ICNN=0 ICNND=1 WORD1=0 WORD1=0 WORD2=0 WORD3=0 KIML2=51 ISAVE=IF	,BOX2/6HGB BOX,6HNL BOX/ ACK (IBOX,12,6HAAAAA,0)	EGPRO1 EGPRO1 EGPRO1 EGPRO1 EGPRO2
CALL UNP KBOX=-12 UBOX=-12 UBOX=0 ICNT=0 ICNT=0 IROUND=1 WORD1=0 WORD3=0 KIML2=51 ISAVE=IF	,80x2/6HGB 30X,6HNL B ACK (IBOX,12,6HAAAAAA	EGPRO1 EGPRO1 EGPRO1 EGPRO1
CALL UNP KBOX=-12 UBOX=0 ICNT=0 ICNT=0 NORD1=0 WOXD2=0 WOXD3=0 LIML2=51 REWIND L NTBL=0 ISAVE=IF	ACK (IBOX,12,6HAAAAAA,	EGPRO1 EGPRO1 EGPRO1 EGPRO2
AALL UNP BOX=1 BOX=1 CNT=0 CNT=0 ASTCE=0 ORO1=0 ORO2=0 IML2=51 IML2=51 TBL=0 TBL=0 TBL=0	ACK (IBOX,12,6HAAAAAA,	EGPR01 EGPR01 EGPR02
80 X = 12 80 X = 0 CN X = 0 CN X = 0 ROUND = 1 0 RO 1 = 0 0 RO 2 = 0 1 M L Z = 51 1 M L Z = 51 1 B L 1 = 1 S A V E = 1 F	Ĺ	EGPR01 EGPR02
BOX=0 CNT=0 ASTCE=N ROUND=1 ORD1=0 ORD3=0 ORD3=0 IML2=51 TBL=0 TBL=0 TBL=0	(EGPR02
CNT=0 ASTCE=N ROUND=1 0RD1=0 0RD3=0 0RD3=0 IML2=51 TBL=0 TBL=0 SAVE=IF	(
ASTCE=N ROUND=1 ORD1=0 ORD2=0 ORD3=0 IML2=51 EWIND L TBL=0 TBL=1 SAVE=1F	•	EGPR02
ROUND=1 ORD1=0 ORD3=0 ORD3=0 IML2=51 EWIND L TBL=0 TBL=1	2	EGPR02
ORD1=0 ORD3=0 ORD3=0 IML2=51 EWIND L TBL=0 TBL1=1 SAVE=1F		EGPROS
0302=0 0803=0 IML2=51 EWIND L TBL=0 TBL=1 SAVE=IF		E3PR02
OKUS=U IML2=51 EWIND L TBL=0 SAVE=IF FLAG(4)		LEGPR025
IML2=51 EWIND L TBL=0 TBL1=1 SAVE=IF FLAG(4)	1	こらがなりる
EWIND L TBL = 0 TBL 1 = 1 SAVE = IF FLAG(4)	8COMN/01	EGPROS
86,=0 786,1=1 Save=1F Flag(4)	2¥0	ESPROZ
1861-1 SAVE=IF Flag(4)		LEGPKUZ9
FLAG(4)	7 7 7	F G PR O 3
) <u> </u>	LESPR032
=KOPT (5	_	EGPR03
0 10 I=	1,NCTMAX	E GPR03
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2,0)	,24) 1)/NWMI E CARGO	SON (0.	I CARGO	,008(L)) 0Ex•
0.0 HMAX -NWDDB 1 6,12,CONT	7,12,VEH1,24) S-NBMISS+1)/NWMISS ROUND BASE CARGO I	(2) 1 1	PHASE	(NXTLEG,6,0084L),0 NEW LESS.	(7,NXTLEG) INDEXNDEX
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						,						AND NEW DATE.	:																		,) ICB=0		
	9.6	(RELDT, 6,008(L), 6)	9.6	TOTACKUL I	1 0 0 1			NUCALI GO TO S				S FOR NEW VEHICLE, NEW LEG	The state of the s					0		IRELOT		LEG1)	LEG1)	LEG1)	لب	3.1	(LVEH,6,TB	J	15)	09 (0.0)		(J1,18,TBVEH(3,VEHNDX),18)		.VOL1) DDB(J1+15)=VOL2					.NE.NDEX4) .AND. (VEHNDX.NE.D)		
	ALL UNPAC	ALL UNPAC	ALL UNPAC	0EX5=10000	NDEXOFINDEXS	F CITMFEFO			CTEMNITIO	0 10 5		SET COUNTER		DEX1=NDEX	DEX	DEX4=NDEX	EG1=LEGN	EHNOX=VEHN	EAR=RELDT	YEAR=YEAR+	PRI=0	3=TBLE5(3,	4=TBLEG(4,	S=TBLEG(5,	0V=T3LEG(9	F (KOPT(2)	ALL UNPACK	ALL UNPACK	0L2=DDB(JX	F (VEHNDX.	F (LVEH.EQ	ALL UNPAC	0.1=008(J1	F (VOL2.LT	BUNITNO	IME=1	FLT=	PF=0	((NDEX3	0 10 60	ONITNO
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LT3P3136
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LE3PA143
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LE3P2148
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LE3P3125
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                                       E: P212
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                                                                                                                                                                                                                                                                                                                                                                                                                     TUE 12.0
                                                                                                                                                                                                                                                                          TF ((MOEX4.EG.NTTX5).AND. (VEHNO.NE.J77) GO TO 950
                                                                                                                                                                                                                                                                                                    SCHINULED VIHICLES. . ONLY A CAPTURE BIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                   PW= (DW+11616P.*DP3 (K+2) /VOLMAX) /11968F8.
                                                   04LL !!%?A^K (LSY?1,12,0^A(IL),0)
                                                                                                                                                                                                                                                                                                                                                                    CALL UMPACK (IFE,12,009(I+1),24)
                                                                            CALL UIPASK (LGYR, 12,008(T),0
                                                                                                     CALL HYPACK (IVM, 6,008(I), 12)
                                                                                        IF CLGYR.NE.LGYRIN GO TO 110
                                                                                                                 TE (IVANALE, UZA) IO SELENMANISS
                                                                                                                                                                                                                                                                                                                                                                                            SALL HAPACK (IFLG, 3,009(I+1)
                                                                                                                                                                                                                                                                                                                                                                                                       CALL HUPACK (TPWM, 12,008(I
                                                              DO 100 I = TL, NL'IISS, NWISS
                                                                                                                                                                                                                                                                                                                                                                                                                     NWNoI+ HOR+ BILL # TO COUTHMO
                         JE (TO2.GT.IL) GO TO 120
                                                                                                                                                                                                                                                                                                                                                       DO 150 THIOF, ICL, NEWISO
                                                                                                                                                                                  F (VPHMOY.NP.3) 90 10
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		T = 6.1	17000
		M X = L M	3P217
		ALL UMBACK (IPE,12,	3P217
		H (TOBIT) * NINDE+N3OE	3P217
		ALL HAPACK (IFLG, 7, DB (TMAX+1),	3P218
		ALL UMPACK (IF AMN, 12, DUR (I	120
		Nrind1+30I+91HIx & reconsem	E 120
		4X) 6(0** 0000 1+40) 4 K+	£ 120
		¥C+(1+4) +CC=a1	3P219
		TONEDUR(K+2)+	3 P? 1.8
		ALL MAPACK (IPTON, 2.	3 Pp. 18
		F (IRTOM, ED. 0) WITHURS	3P718
		F (IRTON, EO. 1) WIUP=0.	3 P 2 1. A
		F (WildP-WT) 190.216.19	3P218
	C	F (WINN-WI) 230,21	GP21.8
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) +	3 P 2 1 9
	21,	FUNTENO	30219
		ALL UNDACK (ICAT. I	3po 19
43		CAT.NE.1) 60 TO	1532194
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		F ((175.30.2).	3P219

ď	600	OC = 78() 10	LE3P3197
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o.		A L L CAMPACK	アイト アイドル ひょうりょう
C			CTYLCE
~		0 270 IDREF=1,NP2,5	025dts
~		ALL UNPACK (TEV, 9, VPERF)	25 PR 25
~		F (YEAR, LT, IFY) 50 TO 276	E3 P 2 2 0
		ALL UNPACK (TLY, 9, VOREF)	53 PR 2 0
0	•	E (YEAS, GT. ILY) GO TO 273	55950 a
C		ALL UMPACK (KVEY, 18, VPPE	E3P320
44		F (KVEH.LE.S) G) TO 27	E3P328
+1		ALL UNPACK (J1,18,TBVEH(Z,KVFH),1	E3 P3 2n
(1)		ALL UNPACK (JN,18, TOVEM(3, KVEH)	F3P320
0		OL MAX=332 (J1+15	C3P320
€i		F (VOLMAX.LT.	E3PR21
M		F (VOLIME, GT, VOLMAY) GO.	E3PR21
M		L= J1+ JN-1	E1P221
.†		1= J1+"14VE	≣3P221
t		1= TPL = G (1,) LF	£3P321
Ŧ		2=TPLEG(2,LE	#3PR21
t		0 230 J=11,J	E3 PR 21
t		F ((L1, ME, TO	E3 P 2 2 1
R		(2+C) €UE=XV Md	E3P221
657	٠	(£+f) ¿liu=xvwnc	=3 P221
G		+P) BCO=XVWGX	F3 P3 2/2
C		F (3V#H*NE*C) GO TO 2	228050
S.		F (ATUP.LE.EXPMAX) JVF	E3 P322
Q		\sim	=3 b> 2 5
\sim	231	Z	F1P322
~	•	0	E3P322
/	645	ZC	E3P422
_		F (TFLS.GF.4) GO TO 26	E3 pa 5 5
~		F (TFLG.E0.1) GO TO 25	E3P322
1		F (MT JP. GT.UP IAX) GO	E3P R22
$\overline{}$		002 01 (b (6*03*9141) 4	E2 p 4 53
\Box	25.3	OS (XVINO LU NOLM) u	E3PR23
O		0 10 340	E3P323
0	ري در در	L.	E3P323
44		2	LE5P2234
	ć		E3 P 2 2/3
	ţ	THIS OFFICERS OLD NOT DUBLIFY FOR A REGULAR FLIGHT	E3 P 2 2 3

A SC A SC A STANDARD THE TOTAL THE T	LE182237 LE582338 LE58239	53 P 2 2 4	E3 P 9.24	42645	E3P224	53 P. 2 2 4	E3 PR 24	ESP224	E3 PP 25	E3P225	E3F325	83 6 4 2 5 1 0 0 4 0 0	435767	E3 P 2 2 5 E3 P 2 2 5	F1 P225	F3P325	92645	55P326	-3F469 -3P326	F3P326	E3P25	E3 P326 #GP826	5259F=	=3P 326	E1P227	72700-	E3 P 42 /	F10007	E3 P9 27	55 p 2 2 7
en e	VFH=JVEH [°] F (KV°H•GT•¢) so то 29	HĮS DISCREĮE DID NOT DUALIFY FOR A EXPENDEM FLIGHT EITHE	UNITINO		Y AULK LEFT.OP DISCRETES TOO BIG FOR EXP.VEH. OR SOMETHOOM.	LL UNPACK (VEHNOX,6,T3LEG (6,LEG1),12)	RP=(EDQ+1	EMEVERNOX EMEVERNOOP COLORS OF THE FORM OF	INC. Long. Gooden Organosen Harrist Chemical Manager, Francis Carle Construction (Manager)		OB NEBE SAH BIOIHIA ENebe		ONTLNO	EHNOX=KYEH ALL DACK (V=H40X,5,008(IMAX),1	F (KOPT(2), EQ. 3) GC TO 713	ALL HMPACK (JI, 18, TRVFH(3, VEHNOY) , 1	0L1=D93(J1+15)	F (VOL2.LT.VOL1) 309(J1+15)=VOL		DVE CHOSEN: ITEM TO ANTTOM OF CAPTURE 91		11 1 LL -	F (IMAX, E0, ICL) 60 TO 33		0 320 1=1,	II.	Z=IMAX+J	EMP=048(II)	70 (77) #15MC	1.7+7
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T +	32 33.)	177.US 100.00 100.000	~ ~
3		TABLE OF TOTAL STREET	こうじょく
0	, IV	F (TCB	E3 P 2 2 8
C		اللا اللا الله	E3 P 2 2 8
		5	F3P328
0		0 350 I=1	E3 P 2 2 8
0		DXCLT(I)=0	E3 P2 2.8
C		(I) Modeo	E3P 22.8
ာ	0 3F	BUNITNO	E3 P2 2 8
CJ		CINIL NO	£5022ª
C	+	F (ICE.EO.IF) TOBE	ESPR28
C		F (VEH	E3P32A
			E3 P2 29
6	56	الماللة الماليات	E3 P5 2.9
	C,		E3 b5 5 3
C		1= 37	E3 P 2 2 9
1 C	5.3	V= J77	62 cd 15
			E3PR29
10	51	TF (MASS.E0.3) 67 TO 043	ESP22
	Ĺ		E3PR29
	ပ	CALCHLATE AND STORE PHASE II CARGO TAPLE.	622455
	C.		F3P329
0		FH (VEHNOX) =1.	E3 P33 0
0		OFLTHMAXFL	E3P340
0		ال عدن	E3P330
C		-L T	F3P230
``		0 789 M=1, NA	ESP33 0
\mathbf{c}		JE HAPACK (IS, 16, FL	E3 P2 3 0
0		ALL DAPACK (FLIND, 9, FLT	E3 P 3 3 3
-		ALL UNDACK (VV,12,008(IS+1),12)	5 PR 3 0
+1		ALL UNPACK (V1.5.008(IS+1).6)	E3 P2 30
**		FL T=FL TNO+NOFLT	E3PR30
-		HEAD TIMAKELT (VEH	E3P331
₹		ALL HYDACK (DIRECT.1.FLTA(1.W).25)	E3 PR 31
116	54	(FLASS, 6,009(IS+1), 3)	E; 6d 53
*1		ALL PACK (DIRECT, 1, FLAG	E3P231
7		ALL UNPACK (PN4N, 12,003(IS	F3P331
┰		TPECT=010FCT+1	F35231
4			30231
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F3P33	P331	E3P332	E3P332	ES 0432	E3P232	E3 P3 32	E3P332	25535	E3 P3 32	E30932	ESP 32	E6 P2 3 3	552653	E3P333	F3 P233	ESP233	E3 P 3 3	ESP33	E3 P333	E3 p 6 3 3	55 P 3 3 3	E2001	EZOJI	EROPI	ESODI	456453	F: P 254	ESP234	E3 P 3 3 4	E3P334	E3P334	E3 pp 34	12 P.34	23.64.25	E3 P335	E3 0435	F1 P 2 5 5	95.50 95.00
FIND AND BOMPARE COMPOSITE GROUP NUMBERS FOR COUPLE BONT AND	ALL HAPACK (TOP, 2,00	F (TCC.ME.2) GO TO 39"	ALL UNPACK (ICAN,12)	CI=IOS-NWMISS	ひらしまり	SIWML+10I=ID	F (TCT.LE.IC3) GO TO 3	F (ICPL.EQ.1) GO TO 783	EPR=JEPR+1	RINT 1080	0 TC 780	PULINUE	ALL UNPACK (NOGM, 12,	F (ECSN.NE.NECN) AC TO 37	CPL=1	ALL JUNDACK (DUMN, 12	ALL UNPACK (K,14, DDB(ICI+2),18	¥: II.	= A /:	UNITHO	0 = a X b	F (75	å X	A (2,9 FL	EGNILNO	OTWITTE (T) FLTVO) * FACTOR(T	F (TOIMT.LE.D.P.) GO IN 78	TOOK=FLTA (2,M) *FACTOR (DIRE	ALL UNPACK (NDYCE, 12, DDR(N. BUNN + BUSIN + X	TASK=ODS(LX) *FACTOF(DIREC	CELF=4T00K/WT4S	DA NFC = WINOK/INI	TOME OF LIMINA	₩₩-8 @C8N=¤C08	T+auCw=cuin	+ FNCEPENC	(10) E
o c						۲. در ۲.				:		330								39.)	:		GC∑.		31 30 30		:											
	14	14	15	15	15	15	15	15	16	16	29	20	$\frac{2}{3}$	20	7	21	21	22	22	6 :	22	22	23	23	23	23	54	54	54	%	25	26	25	25	27	1274	27	27

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90 8 7 7 7			
1,1.0,PR			
VCI,(ONT)P		C	
TNO), TW(2, FL ND)*TROUND+T	(2)	G TO 410 GO TO 428 IVEHD	, worn 2, 1
(1, FL /IR 1U X) + PR	3 5,VEHNDX)	IVEH)) GC 2,IVEH)) TRVEH(2,I	PACK (1,1
GO TO 677 TO 400 GO TO 627 X, MEXP, TW	60 TO 670	CE GVEH(1, TBVEH(+6) +7) CALL F
HNONE) • 3) 67 • JFLT) (VEHMD • 50.1)	FA	N + 1	00 (N34SE BASE+3) 2).6T.J. 6T.01 GO
IF (L3.E0.4) IF (IFLT.EO.CONTINUT IFLT=JFLT CALL PROLNE 10POL) T=FROPOL IF (KOPT(1) TPROPW(VEHNI	CKOOT (2 YCSN= MAXYEH=0 EH=0 KIP=0 610 II= 36-II		
ক c	G GROUND O IF WAY TWE C ISK DO IZE CAL	41.0 61.0 61.0 61.0 61.0 61.0 61.0 61.0 6	000 CC A A A A A A A A A A A A A A A A A
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າ •	1= 1X + 1 WVE	
	439 J=J1,	3PR39
2	F (L 3. NE. TD9	£3 P2 39
9	F ([4.EQ. IDB(J+1)) GO TO	E3P340
7 430	LINILNO	E3P340
+1	PINT 1	630540
က	CHHI'A	30440
7	हर्ष = अस्थ	55 P3 + 0
₩.	F :	63P349
3 44.0	CONTINUE	E3P340
3	CGN(1)=MAXC	E3P340
2	CG4(2) = 4AXCGN	E3 P3 4 0
2	TM & X(1) = 00%()	E3 P 2 4:0
6	1M & X (3) = 00 b (E3 P2 41
2	F ((KOPT(1), E	E3P?41
2	7 45C T=1,	E3 P241
~	=(1)10	E3 P 2 41
·. №	PYOL (I) =FVOL (I, =	E3 P3 4 1
t	AMI(I)=IM(I)E	195955
៤	E (Gaut(I).LF.0.0) 60	E3P241
:	E ((GAVOL(T)+VOLV).6T.VOLZ) GO TO 450	E3 P 2 4 1
2	F ((I)XWIMIN(I)).6T.WIMAX(I)).6	E30841
S	88 OF (1) = 2880F (I) + 80	C3 P341
r.	I) LMESH(I) LME	E3P342
S	JCI (I) =3	E3 p 4 4.5
7 453	ONIINO	E3 p3 4 5
0	u=cIC	F3P342
+4	ALL PACK (TBLEG(7	E3 PR + 2
v	ALL PACK (YFAR,6, WORD1,	E36542
+4	ALL DACK (LVEH.6.	245055
· - \$	ALL DACK (FF, 19, WORD1, 18	24545
2	ALL PACK (1,4,WORP2,0	E3P342
6 :	ALL PACK (VV, 12, WO	E3 P342
5 453	FUNITION	E3 Po 43
Z.	F ((T2.4E.F).0	E3P243
0	DEN+ROMWER-NBC	E3P343
~	HEA81=(111) 80	E3P343

61		DB(ICE+3)=TPVEH(1,VF	23 p 4 4 3
5		DNH3N - C) HENCL = (M+EUL) 60	F10243
3		ALL PACK (3-12-008(TCF+5)。	5 4 2 d 5 l
62		ALL PACK (4,12,00 R(100+5),2	E3P243
9		100060+(2) \ IMCU=9	ERODI
63		7=GRWTV(2)	E20011
53		I=(9+301) b0	E20011
63		J= (7+201) 80	F20011
79		np (TCE+3)	E3 P244
64		0 10 530	E3P344
642 4	7.3	UNITINO	F3 P344
64		F(ISKIP, EQ. 1) GO TO	E) 2307
9	.71	F (100.NF.0)60 F	572307
1 9		F(TW(T,FLTNO)) 490,4	E023 u 7
7 249	.72	Ž. 11	E)2307
65		DIR=DIRECT-1	F32397
653 4	2.2	F(J014.E	E32707
65		T+ww HA	E 32307
65		ALL UNP	E) 2307
99		0 In 473	E) 23 § 8
663 4	74	ALL UNDACK (IFLINO, 9, FLIA (1	F72308
65		F(IFLINO, NF. FLINO) GO TO 4	c02408
29		E(FLIA(2,44) - TW(1,FLTNO))	E) 23 0 %
675 4	75	ALL UNPACK (MM, 15, FLTA(1, 4M), 0	E32308
73		ALL PACK (DDS (M4), 12, WORD1,	E72308
62	٠.	0 TJ 493	E72308
705 4	3.0	DISTIBLE IN	ESPA44
71		ALL PACK (JTI(IDIR),2,40RF3,	E3 P9 44
1713	ı	(JCGM(TDIR), 12, WOPD3, 2)	L 53 P 2 4 4 7
71		F (GBWT(TDI2).LT.GPWTV(IDIR)) G	E3 P344
7.2		F (GAMI(IDIP).LE.0.0) 60 TO 49	E3 P344
Ž,		F (JCI(TOTO) . EQ. 3) 60 TO 4	E30345
22		F(JCI(IDIE) . E0.3) 60 TO 471	F)2308
72		WI=1603J0.*GBWTV(IDIR)/6	ESPA45
73		ALL PACK (NWT, 22, WORDS	E3P345
735 4	ű G	ALL PACK (N,13,40RD2,13	E3 P2 45
5 072	Ü	DINITION	E1 P245
7.		08 (NEMISS+1) = M050	E3 P345
74			E3P345
4		19 (M. 1755+2) =4020	45P345

5.4 Sa 55		E2 P 4 4 15	83 P7 46	945955	53P346	E3p346	F3P246	59746	35746	945453	E3 03 40	50546	LE3P2470	572303	r3p247	E3 P2 47	E30847	E3P447	E3 P3 4 7	E3 P3 47	E3P347	E3 P 3 4 7	E3 P2 47	ERODI1	E200I1	E20011	E3 P24.8	E3 P3 48	E20DI1	E3 P3 4 8	83548	E3 05 48	8 † ≥d5∃	E3 P 3 4 8	672052	E3P349	63P349	3 P349	9 P. 4 9	30349
F (TSKIP, FQ. 1) GO TO 51		F (TAKIP, GE, 3) 50 10 510	F (JCJ (IDIR) . NE. 3) GO TO 5	ALL PACK (I77,12, DDP(NLMISS	ALL PACK (177,18, DD8(NLMISS+2),6	HIZIL NO	NG TH=LNGTH+	SIMMUN SSIMIN TO SIMI	F ((N3003-MW033).	SKIP=ISKIP+1	JF (ISKIP.6T.3) GO In 610	F ((ISKIP. GE. 2). AND. (NEXP. ED. 1)) Gr	CALL PACK (1,1, WORE2,2)	E (TSKIP, EQ.2) CALL PACK (67,12, WORD1,2	F (ISKIP.EQ.2) GO TO 48	F (TW(IDIP,FLIND) .LE.	じたスキがいきるを見りて申して	08 (ICE) = RO	78 (ICE+2) #DISCR) 680SIU=(2+301)80	Iu= (+=3I) uC	ALL PACK (E,12,07P(ICE+5),	ALL PACK (1,12,708)	(alu1) [alu = 9	I= (9+30I) au	0b (ICE+7)=I6	7= (8+30I) au	PILITING	F(J9	0=XU6	9+X06 I=X0P	090Y=I40X+J	10 (TCE+1) =	10X=J30X+1	ALL PACK (NOPOX,1	O 579 J=LASTGE, NCE	= (J-1) * NWCE+NACE	F (1034(1+6)-114(10E+6)) 574,550,57	F (nga(1+7)-Dn8(ICE+7)) 573,560	F (198(1+8)-034(10E+8)) 570,590,57
						510				525																	•	ر ای د				540								5 5 5
77	. !	75	75	75	75	26	76	75	75	77	77	77	2004	01	01	10	00	02	03	63	03	03	63	04	70	05	05	65	50	05	05	90	90	90	96	07	0.7	07	10	10

0.7 57.0	ONTINUE	5 P240
() ()	OE=MOM+1 LOE=NCOE+	04745E
· rv	F (NLCE.LT.	E3P343
	2 B	E3 P 250
+	0 TO 970	E3P350
585	ONTINUE	E3 P250
.+	100 A 11	E3P450
6 599	NILNO	ESPRSO
.0.1	F ((IS	95550
O N	#J T0 '.7	にってんびの日にいるとい
9 500	CALLAC	53 P 3 5 0
	ALL PACK (3,18,408	E3P251
~	ALL PACK (2,2, WORD3,0)	c3 p381
	0 10 59	53 P 3 51
7 610	ONIINO	E3P251
62	GNILNO	E3 PR 5 1
_	F (KOPT(2).En.0) GO T	e3 p 5 2 1
٥: ١	DI CO (0.EN.HAVI) a	F3P351
	F (Pa0pWr) 634,674,63	1,5 7,5 1
Đ23 •	51	LESPR518 LESPR519
_	0 TO 670	E3 P 2 5 2
640	ONTINO	E3 P2 52
	Mag)	530455
	EG8=0 .	r3P352
	E (DIRECT.ED. 2) 60 TO 660	E3 P 2 5/2
	F (TW(1,FLTNO)) 668,668,65	E3P352
	FGB=133003.*A*FLTA(2,M)/T	E3P352
ic ig	BONITNO	52885 53885
	F (ICC. NF. 2) ICT=I	E3P452
V.	ALL PACK (177,18,00B(IS	T3 P3 52
·0	ALL PACK (IZZ,18, DDB(IC	F3P253
.	ALL PACK (LFG3,18,008(ICI+2	E3P253
.0	ALL PACK (3,2,079(ICI+2),0)	E3 PR 513
	ALL PACK (JOGN(JIPECT),1	E3P253
ن 57.	ONTINUE CONTRACTOR OF THE CONT	とう アインス
	41.1	5. マイイ ·

LESPRESS LESPRESS LESPRESS LESPRESS	3 P 2 5 4	#35545# #35545#	13 P 25 4	F1 P 2 5 4	E3P254 E3P254	53P455 73P455	ES P 2 5 5 7 1 1 2 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	F3 PR55	E3 P 255	13 P 25 5	F3P255	E3 P355	E3P356	F3P356	E3P256	F3 P356	E3 P 256	E3P256	E3 P2 56	E20011	っていると	12 PA 57	E3PR57	E3 P3 5/7	アンアイン
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98),6)),12) E),18)	0.1)) 6						, C.Z.)	W0201,8							.1)) 6								. !	202
• CDB (NBD) DB (NBDD 0 DDB (NBD 0	R. (LS.	0 0		:				5 5 5	900	1 2	12	9			192	NEXP.	FACK (1	•	,	2n0					
EAR,6,0 FLT,12, NONE) G	ING SEC	JFLT) G	N+2		N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		- +	ا ب	3LES(7,	さん ひゅう こうしゅん こうしょう しょうしょう しょうしょうしょう	5,18,WO	4,40RD	7,12,MC		T C5 (2) • AND	TNO)	NACE	7 7	01 09 (9		×	· • I		ウサー 入口のひ
PACK CV PACK CV BACK CJ	SNGSHOR	ין בי	J=L ₹ N=MAXOG		1)=MAXC	· · · · · · · · · · · · · · · · · · ·	7u - UNI		ACK CT	- >	ACK (6	ACK (1	ACK (V	+dIuI	DIP. GE.	INIS. EQ	ULE FIG.	CHANNE	CE) = 80 X	OX.LT.2	0	190X+64 #TROX+64	GE+1) =6	JB0X+1	Z \ \(\cent{C}\)
CALL CALL CALL IF (L	L OL	- U _i t	N X I	0 T P 0 R	N9 C T		TARA	I J	ALL	CALL	ALL	41 L	Af. L	DIR	<u> </u>	L I	1	CE	08 (() H	30 X		n a c	Š	<
	; c	• •		,		į	ေလးကြ	O			!			690		:					:	70.0	•	•	
2242 2246 2252 2256	26	34	27	27.27	2276						31	31	32	32	32	33	2344	34	35	35	35	ر د کر کر	300	35	ر ا

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r3p357	C3P357	3P257	E; P 257	E5P358	F3P358	E3P258	E3 P 2 5 8	F3P358	E3 P2 5 A	E3P258	E3 PR58	E3 Pp 58	-30458	#3 P259	E3.PR59	E3 P3 59	E3 P R 5 9	E3 P 2 5 9	E3-P3-519	E3 PR 59	E3P259	E3P259	E3 P.2519	E3P360	E3P260	E3.PR60	E3 P.R.6.0	E3 P 2 6 0	E3P260	E3 PP 60	E3PR60	E3 P860	E3.P360	53P261	E3PR61	53 PR61	E5P261	LE3PR614 LF3PR615	1)/
																															: : : : : : : : : : : : : : : : : : : :			A COLUMN TO THE PROPERTY OF TH					
		To the fame of the page of the								10,72	720,739	50,73													3,2)			entire gare in primary and comments as the property of the comments of the com			and the desired and property and an experimental and an experiment		60 TO 1630	Appendix And Dec Manager Language was to graph, a. 4. 4. 4.		GO TO 770	SEC		
SCAP	SC39 (ad SS	12,7 DB (ICE +5	12,008(ICE+	(TOIZ, FLTNO)	(Inir	OL (IDIR, FLI	EON LO	IUC M	10 (((0+7) 1) 13	901)ECG	DDB(ICE+8)) 73			ш	072 01 09 (SSING)							13, WOR	2, WOR 03,0)	GN(TO IR), 12, WO	NEW ON NEX		=403D	OX II	=WORD	1	INN 2+	MISS).	,		, FLTNO) .LE.O	AFFLTA (2, M) /T	ICI 7.48	
R(ICE+2)=D	P (TCE+3)=P	+ L	IL PACK (5	LL PACK (1	R (ICE+6) = T	P (TCE+7)=T	A (ICE+8) = F	739 J=LAS	(1-1) *NKOE	(9+1) ECG)	(D)3(I+1)	(00% (T+8)	DINITA	E = NCE+	CE=NECE+N	CNCE	INT 1110	20=JE62	TO 97	MITNUE	u O N	UNITA	LL PACK (J	LL PACK (2	LLPA	UPLE CONTA		DO (NL MISS+	DB (NLMISS+2	DR (NLMISS+	NG TH=L NG TH+	LMISS=NLMIS	F ((NBDDR-	0 TO 69	ONTINGE	F (THIDIREC	FGB=10000C.	7.001)	
	-	•		3						. ,	+4	729	•					٠		74.9		750				C	ن	:	٠.		1				750				
37	37	2375	37	64	41	14	41	41	42	42	4 5	43	*	44	5 5	77	44	45	45	45	45	45	45	45	46			46	5	14	74	47	20	50	20	20	20	2514	ļ

52		ALL PACK (T77	E3 P261
L L		TOUCH RESET NOVO THE	4 4 00 0 4
2 6		ALT DACK (A 0) AB CATCLE OF CATCLE	100000
<u> </u>		ALL DACK CONTROL OF THE ACTION OF THE CONTROL OF TH	
i n	1	ALL PACK TO GUILLARCIDAL	こうだんさい
7	(7)	HON I NO	797467
Ţ		ALL PACK (FLASS, 6, "UBINGUU	エンアスカン
52		ALL PACK (FNMN, 12, DOB(NBDDB	E3.P362
55		ALL PACK (VEHNOX, 5,008 (NRDD	E3 P2 62
98		ALL PACK (NDXSE, 18, DDB (NBD	592053
56		F=164000.*LOAN	E3P 362
56		F0=1100330.*APFFL	E3 P 2 6 2
57		ALL PACY (LF, 13, 00B(NB00B	E3 PR62
57		ALL PACK (LFB,18,100B(NSD08	E3P362
9	77.5	ALL PACKINDYCE, 3, DOBINBOD	HJ140
60		F (ICC.En.2) 50 TO 37	E3 P3 62
63	780	FONTEND	E3 P3 63
61		F (NC3.E3.0)	E3 P 2 6 3
61		0 A10 I=1,NFR	F3P263
61		ALL UNPACK (NDEX, 18,C	E3P363
61		ALL UNPACK (IFU,9,C	E30863
62		ALL UNDACK (IFD, 9, CRC	55655
63		BCONT (7, NO.18) =	E3 P3 6.3
8		ELT=IFU	E3 P 2613
63		トーじつよ	595d5
63		FB=100000.	F3P263
63	:	ALL PACK (TTBONT+NPEX, 18, C.	49 84 E3
19		ALL PACK (VEHNUX, 6	E3P364
9		ALL PACK (LFG1,6,CCNT	E3 P2 6 4
65		ALL PACK (VEHNOX, 6, CONT	E3 P 2 6 4
65		ALL PACK (YEAR, 5, CON	E3 P264
65		n 800 J=1,2	E3 P364
99		F (IFLT.LE.) 60 TO 790	20564
99		OTWI=IW(1,IFLT)*FACTOR(1)+IW(2,IFLT)*F	F3P364
19		F=100000.*FACTO2(J)*T¤CNNT(4,NDEX)/TNTW	E3P264
67		FL T=TFLT+NOGL	E3 P3 64
70		ALL PACK (IFLT, 12, CONT	E3 p3 65
70		ALL PACK (IFLG, S, CONT, 30	F3P265
2707		AL	LE3 PASIS 2
71		00Mm-60CaN=6008	707767
11		ナドトにと…ならら	13 pa 65

	3 P 2 6 5	3PR65	30265	1230ª	3 9365	30465	3 0 3 6 6	30366	38366	3 P 2 6 6	3 P 2 6 6	30066	39798	3 P 2 5 6	3 7 7 0 D	3 P 2 6 7	3 P 2 6 7	3 P 2 6/7	30967	3 PR 6 7	30367	7.9 ca 5	3P367	3 P 2 6 7	3PR58	3 P 2 6 8	00710	5P268	3 P 2 6 8	3P258	3 PR 6 8	3 P 2 6 8	5228590 532891	3 P 2 6 9	3 P 2 6 9
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					9.006	C UON		٠.					:		ν Υ	} :-	> II	t	<u>-</u>	α. C	1,				0 853		•		3 L C S	N .		רוט		066	
						008	· . · · I			•		•		. (T O K) L	>	5.0 T	(97.	\circ	11, LE				100		Q L	، د	. LL	L 2		NEXT	7	G	
		Fi	COMIT	د. د:		13,									V 0 0 0 0	1.1	4	T3U)		<u>.</u>	BLEG (136)	• ,		* C Z Z	6	-		<u>()</u>	, ti		
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 E3P369	3 P 3	636463	53PR69	E3 P3 69	C3 P269	E3 PR7 E	E3 P2 7 0	E; 22,70	E3 P 27.0	E3.P270	E3 PR70	E3P370	E3 0270	F3 P27 n	55 P2 7 0	E3P271	E3P271	F3P271	E3 P 2 7 1	550271	E3 P3.7 1	C; P271	F3 P2 7 1	E3PK71	E3P271	E3 P4/2	E10272	E3P2/2	E3P272	E2P472	E3 P 2 7 2	E30372	E3P372	E3P372	E3PR72	E3PR73	30273	3P 2 7 3	3 P 2 7 3
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	IF (IC3.E0.0) SO TO 880		GAP=(IL-ICF+NWHISS)/NW	ALL SORT (DOR (ICE), NUMIS	CLL=TOF-NWMISA	O 850 I=ICF,IL,NWMIS	ALL : UMPACK, CUVEH, 6:00	F (UYEH.NE.0) GO TO 87	CL.L=1	LNITHNC	TGAP=Inl-IC	27-10I=10	FEIFFIGAP	F (ICL.L	UNITABL		TH (NXTLEG.EQ.LASTLG) 60 TO 940		PO 899 JETF, IL, NWMISS		CALL PACK (NXTLFG, 6,008(J),0)		MOVE VEHICLE INDICES FROM LOWER LE		L UNPASK (VI,6,00P(J+1),6	ALL UNDAFK (V2,6,0PP(J+1),1	ALL UNPACK (V3,6,00	720-7	F ((KAPT(2), EQ.1), AND, (ALL PACK (V1,6,00	ALL PACK (VZ, 5,008	ALL PACK (V3,6%	ALL PACK (V4,5,00	BONLENOC		SET UP PROPELLANTS THO WORDS FOR C		2.177) 60	F (KOPT(2), EQ. 1) 50 TO 94
د		۲.			•					رن. رت.	97.0				6) 6)			C .:		C)		ι.	C	C .`										893	•	, C	O		
	3034		8	70	040	94	70	35	05	05	3060	90	05	90	0.5		3067		3071		3073				3076	10	7	11	11	12	13	7	77	14				3147	15

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LESPR773 LESPR774 LESPR775 LESPR777	ES PR77 ES PR77 ES PR78 ES PR78		650278 650278 650278	E3 P 2 7 8 E3 P 2 7 9 E3 P 2 7 9	66446 6446 64446 64446 64446 6446 6446		EG P 2 8 0	ED2349		55 P 2 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
								0		
PRINT 1140, LEG1,NEWLEG,LEGNO,NXTLEG PRINT 1140, VEHNDX,VEHNO,V1,V2 PPINT 1140, YEAR, ZELDT,NFLT,NPF PRINT 1140, TCF, ICL, IF, IL	CONTINUE	B GENERO E	F (TELA	F (NTALZ, GT, MTAL) NTALZ=MTAL ALL UNPACK (V1,6, TRLEG(6,NEWLEG),1 ALL UNPACK (V2,6,TPLEG(6,NEWLTG),1	LL UNPACK (V3,5) TBLEG(6,NEWLE) LL UNPACK (V4,5) TPLEG(6,NEWLE) LL PACK (NEWLEG,6,VEH1,3)	ALL PACK (V2,6,VE ALL PACK (V7,6,VE ALL PACK (V4,6,VE	•	MAXVFH=(LOWCOR-510-NLMISS)/(72+10*NWMISS L18UC=10*NWMISS*4AXVEH IF (MAXVEH.GT.100) MAXVEH=100	ONTINUE	CALL COLECT SORT IF LEG NUMMER CHANGES.
3324 3340 3354 3370 3404	3410 950 7410 050	4172	41	52 52	コササン	3450 3450 3460 3460	3.466 3.466	3471 3476 3500	7. O.	3505 C

	2309	2309	2309	P391	p341	P281	P 2 8 1	P231	Pag 2	P 3 8 2	7800	P282	P 2 8 2	P 2 8 2	P382	P 2 8 2	P 2 8 2	PR32	P2.83	p3 83	P > 83	P243	8	P 2 3 3	5 6 Gd	5880	5883	2 8 ad	D 2 84	Pጓጓ4	P.S.8:4	D 9 4	p3.84	P384	p384	P 2 8 4	P 2 8 4	こんない	1	2
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	0Sr-1		050+1			N'USIA	X		פידי וייי	,		٠		(7365)									AVE			•	LUI	-		១១ន	Z	٠	5	=1800N) 	—• તેં.	
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	50	3511	51	51		25	52	52	52	53.2	7			534	2	545	551	552	554	554	55	55	252	-	56	S.	28	3565	25	57	24	,.	69	611		61	61	229	50 50 50 50 50 50 50 50 50 50 50 50 50 5	1 30
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	ALL SOOT . (38295
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٠,٠		֖֖֖֚֡֜֝֟֝֝ ֖	32386
C.			38998
1050	D FRYNAT (59H	CLES ON LE	3 6 3 8 6
	EG ,AS,A4,FH YEAR ,I4)	,	3 P 2 8 6
1073	3 FORMAT (148,294 34) CAPTURE - CARGO ELEMENT ,A	FG , A6, ALF	30236
	14,8H TW YFAR, 15,31H FORCEN TO USE CEFAULT V	Ü	98649
e.	1 FORMAT (39H #52202 IN LEGPOOM COUNTY NO ITOMS, 3(PX		3P386
1001	P. FORMAT (1941THE UPPER STAGE - 146, A4, 524 - FOF GROU	IS NOT LE	3 P 2 3 6
	1IN THE CARGO FLEMENT TARLE)		3P287
رب ب	6 FORMAT (7HCLEG - , 46, 44,32	, 46, a.4) LE	3 P.7 8 7
7	C SSIFEN ED FOLK THELD TAMBOR OF		3P237
1123	D FORMAT (SBHC ***SROUND PAS	HICLE , ALE	32887
	16,04)		3P287
	I FORMAT (1	ניי	3 PR 8 7
1140	B FORMAT (1H	L J	58387
٦٢. ٦	U FORMAT (1841 NO FOLLOW UN LEG, 2 (4X, 46, 4	u -	3 P 2 8 7
10	3 FORMAT (34H1 *** JPP APRAY HAS OVERFLO		30987
	5		78700

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UBROUTINE CO	C
OMMON /CONT/ NCONT, NCTMAX, TBCONT(8,	ABEL 1
OMMON /LEGS/ NLEG,NLGMAX,TBLEG(12,63),LAST	BEL1
CVEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHM	4
100100000000000000000000000000000000000	פבר ז
OMMON /SPOS/ NSPO,NBSPO,NLSPO,TBS	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	BEL1
DAMON /CRGS/ NCE,NWCE,NBCE,NLC	ABEL 1
OMMON /LCLF/ LCE, LFAC	ABEL1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(ABEL 11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	BEL11
OMMON /DDBS/ NDD3,NWDD3,NBDD8,NLDD8,M	ABEL 11
OMMON /IVA/ MIVA,NIVA,IV	ABEL 11
OMMON /IFA/ MIFA, NIFA, IFA (600	ABEL 11
OMMON /FIBL/ MIBL,NI3L,NIBL	ABEL 11
OMMON /KEL/ KEL	BEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	ABEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IRE	LABEL11
OMMON /MISC/ IFLAG(20), LOMCOR, JERR, CARD(16), LINE(33), IPROP, JPR	LABEL 11
TBCNT, PROPUP, NVMAX, NEWLES, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWF	LABEL12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAXCGN, IPLTP, MAX	L ABEL 12
R, L1WOT, L1BUC, LIML1	WED230
	4BEL12
INTEGER FYEAR	ABEL 12
	ABEL 12
COMMON DDB(1)	ABEL 12
	BEL12
DIMENSION DB(1), IDD3(1), IDB(1)	ABEL 12
	ABEL 12
QJIVALENCE (308(1),08(1),1008(1),108(1))	LABEL13
FL00,K0PT(1)), (8	CLABEL13
LVERTANDE (417) (CONTREPADE (227) (LOAT)ADE (BEL 13
	ARFI 13
	SDAT1
COMMON /ASDAI/ FLIAC(36,31), TOTFLI(30), MTT (30,31), NFR (100)	DAT1
	SDAT 1
INTEGER FLTAC, TOTFLT	SDAT1
	SDAT1
DO 1 UI=1, NVHMAX	OLECT

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COLECT 9
                                                                        COLECT12
                                                                                     COLECT13
                                                                                                  COLECT14
                                                                                                              COLECT15
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                                                            COLECT11
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                                                                                                                                                                                                                                                                                                                                                     COLECT34
                                                                                                                                                                                                                                                                                                                                                                  COLECT35
                      COLECT
COLECT
                                                                                                                                                                                                                                                                             UNPACK (NF1,18, MIT (NV1,L),18)
                                                                                                                                                                                                                                                                CALL UNPACK (NE1,18, MTT(NV1,L),0)
                                                                                                                                                                                                                                                                                                                 CALL PACK (NY1,12,NFTBL (NTBL),12)
                                                                                                                                                                                                                                                                                                                              CALL PACK (NF1,12,NFTBL(NTBL),24)
                                                                                    CALL UNPACK (NY1,12,NFTBL(I),12)
                                                                                                CALL UNPACK (NF1,12,NFTBL(I),24)
                                                                                                                                                                                                                                                                                        PACK (NEI,6,NFTBL(NTBL),0)
PACK (NVI,5,NFTBL(NTBL),6)
                                                                         UNPACK (NV1,6,NFTBL(I),6)
                                                            CALL UNPACK (NE1,6,NFTBL(I),0)
                                                                                                                                                                                                                                         30 TO 40
                                                                                                                                                   MIT (NV1,L) = MIT (NV1,L) +NF1+IX
                                                                                                                          CALL PACK (NE1,18,1X,0)
                                                                                                                                                                                                                                       IF (MIT(NV1,L).EQ.0)
                                                                                                                                                                                                                            DO 40 NV1=1,NVHMAX
                                                 00 20 I=1,NTBL
                                                                                                                                                               DO 3G I=1,MT9L
                                                                                                                                      L=NY1-FYEAR+2
                                                                                                                                                                                                                NY1=L-2+FYEAR
                                                                                                                                                                                                   00 40 1=2,31
                                                                                                                                                                                                                                                    NT3L=NT8L+1
                                                                                                                                                                          NFTBL(I)=0
          MIT(I, J)=0
                        CONTINUE
                                                                                                                                                                                                                                                                                                                                           CONTINUE
                                                                                                                                                                                       NT3L=3
                                                                                                                                                                                                                                                                                                                                                                  RETURN
                                                                                                                                                                                                                                                                             CALL
                                                                                                                                                                                                                                                                                          CALL
                                                                                                              0 = XI
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53
60
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SUBROUTINE L2WO	12M0 2
OMMON /CONT/ NCONT, NCTMAX, TBCONT(8, 20)	ABEL 1
EG,NLGMAX,TBLEG(12,63),LASTLG EH.NEVEH.NBVEH.NIVEH.NVHMAX.TBVEH(6.31).NDDFF.VD	8EL 1
(25), 40VEH, VEH (35)	LABEL 1
COMMON /SPDS/ NSPD, NASPD, NLSPD, T	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	ABEL 1
OMMON /CRGS/ NCE, NWCE, NBCE, NLC	ABEL 1
OMMON /LCLF/ LCE, LFAC	ABEL 1
OMMON /PROS/ PNAME(3,63), NPROS, MNAME	ABEL 11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	ABEL 11
OMMON /DDBS/ NDD3,NWDD8,NBDD8,NLD	BEL 11
OMMON /IVA/ HIVA,NIVA,IVA(25	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(690)	ABEL 11
OMMON /FIBL/ MTBL,NTBL,NTBL	ABEL 11
OMMON /KEL/ K	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI.	ABEL 11
OMMON /YEAR/ FYZAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IREL	TLABEL 11
OMMON /4ISC/ IFLAG(20),LOWCOR,JERR,CARD(16),LINE(33),IPROP,JPRO	, LABEL 11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL	ABEL 12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAXCSN, IPLTP, MA	SLABEL 12
PR, L1WOI, L1BUG, LIML	ED230
	ABEL 12
INTESER FYEAR	ABEL 12
	ABEL12
COMMON JDB(1)	ABEL 12
	ABEL12
DIMENSION DB(1), IDD3(1), IDB(1)	ABEL 12
	ABEL 12
QUIVALENCE (008(1),08(1),1008(1),108(1))	LABEL 13
(OFFLOD, KOPT(1)), (BASE, KOPT(2)), (SINDEP, KOPT(3)),	ABEL 13
LVEH, KOPT (4)), (CONTRE, KOPT (5)), (I	ABEL 13
	ABEL 13
	BEL13
	2W0
	2M0
F (ICNT.LE.J) RETURN	0
(L2MOT) (3	O (
8003=41003+	O 3

0 0 0 0000

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2W0 11

IONT = 0 RETURN END

YEARS 1/ NCONT, NCTMAX, TBCONT(8, 2	YEARS 2 LABEL1 2
OMMON /LEGS/ NLEG, NLGMAX, TBLEG(12,63), LASTLG	ABEL 1
COMMON /VEHS/ NVEH,NWVEH,NBVEH,NLVEH,NVHMAX,TBVEH(5,31),NPREF,V	3EL1
(23), NOVEH, VEH(30)	A BEL 1
OMMON /SPDS/ NSPD,NBSPD,NLSPD,T	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	ABEL1
OMMON /CRGS/ NCE,NWCE,NBCE,NLC	BEL 1
OMMON /LCLF/ LCE, LFAC	ABEL 1
OMMON /PROG/ PNAME(3,63), NPROG, MNAME(3	ABEL 11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	ABEL 11
OMMON ZUDBSZ NDOB,NWDDB,NBDDB,NLDDB,MD	ABEL 11
OMMON /IVA/ MIVA,NIVA,IVA(250	BEL11
OMMON /IFA/ 4IFA,NIFA,IFA(600	ABEL 11
OMMOY /FIBL/ MIBL,NIBL,NIBL	ABEL11
DAMON /KEL/ K	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAX	ABEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IR	OTLABEL 11
OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPR	P, LABEL11
ITBGNT, PROPUP, NVMAX, NEWLES, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWP	JLABEL 12
LAG,NAFAC,NOSF,NOSC,ICNT,L2MOT,I77,J77,KOPT(10),MAXCGN,IPLTP,M	XSL ABEL 12
PR, L140T, L18UC, LIML	E0230
	ABEL 12
INTESER FYEAR	ABEL 12
	ABEL12
COMMON DDB(1)	ABEL12
	BEL12
DIMENSION DB(1), IUDB(1), IOB(1)	ABEL 12
	ABEL 12
QUIVALENCE (DD3(1), D3(1), IDD8(1), ID8(1))	LABEL 13
EQUIVALENCE (OFFLOD, KOPT(1)), (BASE, KOPT(2)), (ABEL 13
LVEH, KOPT (4)), (CONTRE, KOPT (5)), (ICAP, KOPT	BEL 13
	ABEL 13
	ABEL13
	EARS
YRS=LYEAR-	EARS
NYRS1=NYRS+1	ARS
17001X17010	200
r (NTAS.LE	F A K V
	2 4 4

-106-

0 0 0 0 00 0

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YEARS
YEARS
YEARS
YEARS
YEARS
YEARS
YEARS
                                                                                   FORMAT (28H1 TOO MANY YEARS....NYRS = END
                      NFYR=MOD(FYEAR+IRELDI,100)-1
DO 20 I=1,36
NIYRS(I)=NFYR+I
PRINT 30, NYRS
STOP 1234
                                                            RETURN
```

TINE DDBSFT CGONT/ NCONT, NCTMAX, TBCONT(8, 20) /CCONT/ NCONT, NCTMAX, TBLEG(12, 63), LASTLG /LEGS/ NLEG, NLGMAX, TBLEG(12, 63), LASTLG /VEHS/ NVEH, NWVEH, NWVEH, NWVEH, NVHMAX, TBVEH(5, 31), NPRELABEL1 /VEHS/ NVEH, NWFAC, NBVEH, NVHMAX, TBVEH(5, 31), NPRELABEL1 /SPOS/ NSPO, NSPO, NLSPO, TBSPO(3, 20) /SPOS/ NSPO, NBSPO, NLSPO, TBSPO(3, 20) /FACS/ NFC, NWFAC, NBFAC, NLFAC /FACS/ NFC, NWFAC, NBFAC, NLFAC /CCLF/ LCE, LFAC /CCLF/ LCE, LFAC /CCLF/ LCE, LFAC /ABEL1 /ABEL1	
LABEL11 OMMON /MAXS/ MAXA,MAXC,MAXF,MAXI OMMON /YEAR/ FYEAR,LYEAR,NYRS,NYRS1,NYRS3,NTYRS(30),RLDATE,IRELDTLABEL11 OMMON /YEAR/ FYEAR,LYEAR,NYRS,NYRS1,NYRS3,NTYRS(30),RLDATE,IRELDTLABEL11 OMMON /MISC/ IFLAG(20),LOWCOR,JERR,CARD(16),LINE(33),IPROP,JPROP,LABEL11 TBCNT,PROPUP,NVMAX,NEWLES,VEH1,VEH2,MAXVEH,NR,NFW,NLW,NWPL,MWPL,JLABEL12 LAG,NAFAC,NOSF,NOSC,ICNT,L2WOT,I77,J77,KOPT(10),MAXCGN,IPLTP,MAXSLABEL12 R,L1WOT,L1BUC,LIML1	
8EL 12 8EL 12 8EL 12	
ABEL 12 ABEL 12 ABEL 12	
ABEL 13 ABEL 13 ABEL 13 ABEL 13	
8551 8551 8551 8551 8551 8551	

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```
IF (MOSC.GT.0) GO TO 60
                                                                                                                                   NAMISS=NBMISS+NSFT
                                                                                                                                           NLMISS=NLMISS+NSF1
                                                                              009(L+NSFT)=008(L)
                                           NICE = NICE + NSFT
                                                                                                        00 50 I=1,NSFT
                                                                                                                 003 (L+NSFT) = 0
                                                                      DO 43 I=1,J
                                 NSF T=NOSC
                                                    CONTINUE
L=NLMISS
                CONTINUE
                                                                                              CONTINUE
                                                                                                                                                             CONTINUE
                                                                                        L=L-1
                                                                                                                           1=1-1
                                                     30
                                                                                                40
                                                                                                                          50
                                                                                                                                                              09
                                           22
25
33
33
                                                                                       36
36
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008SFT14 008SFT15 008SFT16

DOBSFT12

008SFT13

DDBSFT11

008SFT19

DDBSFT18

DDBSFT17

008SF122 008SF123 008SF124 008SF125

DDBSFT21

008SFT28 008SFT29

308SFT30

008SFT27

SUBROUTINE PROLNK (IVEH,NEXP,TWUP,TWDN,DV,FDV,PROPWT,PROPOL) COMMON /CONT/ NCONT.NCTMAX.TBCONT(8.20)	PROLNK 2 LABEL1 2
OMMON /LEGS/ NLEG, NLGMAX, TBLEG(12,63), L	BEL 1
UMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NV	ELABEL1
(20), NOVEH, VEH (30)	BEL 1
OMMON /SPDS/ NSPD, NBSPD, NLSPD, TBSP	BEL 1
OMMON YFACS! NFAC, NWFAC, NBFAC, NLF	BEL1
OMMON /CRSS/ NCE, NWCE, NBCE, NLC	3EL1
OMMON /LCLF/ LCE, LFAC	ABEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL11
OMMON /MISS/ LNGTH, NAMISS, NBMISS, NLMISS	ABEL 11
OMMON ZODBSZ NOOB,NWOOB,NBOOB,NLOOB,MO	ABEL 11
OMMON /IVA/ MIVA, NIVA, IVA(250	BEL 11
OMMON /IFA/ MIFA, NIFA, IFA (500)	ABEL 11
OMMON /FIBL/ MIBL,NIBL,NIBL	8EL 11
OMMON /KEL/ KEL	ABEL11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	ABEL11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IRE	TLABEL 11
OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPR	, LABEL11
ITBGNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWP	JLABEL 12
LAG, NAFAC, NOSF, NOSC, ICNT, L2MOT, I77, J77, KOPT (10), MAXCGN, IPLTP, MA	SLABEL 12
PR, LIMOT, LIBUC, LIML	ED230
	ABEL 12
INTEGER FYEAR	ABEL 12
	ABEL 12
COMMON DOB(1)	ABEL12
	BEL12
DIMENSION DB(1), IODB(1), IOB(1)	ABEL 12
	ABEL 12
,08(1),1008(1),108(1))	L ABEL 13
EQUIVALENCE (OFFLOD, KOPI(1)), (BASE, KOPI(Z)), (SINDEP, KOPI(S)),	ABEL13
LVFH, KOFI(4), (GONIKE, KOFI(3), (ICAF, KOFI(6)	EL 13 Fi 13
	7 7 7 0
	ABELIS
EAL ARKAI	7000
0 10 I=1,	KOLNK
0 10 J=1,6	S N
RZAY(I,J)	ROLNK
U=OAN	¥
ROP	ROLNK

PROLNK10 PROLNK11 PROLNK12	PROLNK14	PROLNK16	PROLNK17	PROLNK18	PROLNK19	PROLNK21	PROLNK22	PROLNK23	PROLNK24	PROLNKAS PROLNKSK	PROLNK27	PROLNK28	PROLNK29	PROLNK30	PROLNK31	PROLNK32	PROLNK34	PROLNK35	PROLNK36	PROLNK37	PROLNK38	PROLNK39	PROLNKAG	PROLNK41	PROLNK43	T X Z	PROLNK45 PROLNK46
0 1 0	ALL UNPACK	F (JVER,EG.U) 30 10 ALL JVPACK (JX,18,TB	ROP=PROP+DDB(JX+2)	F (12.EQ.0	エロクメアキメフ=T	PC=ZPC+1	0 20 I=1	RRAY(I, NP	CRITIO	つていいれつ);))	IF (NEXP.EQ.1) 4=2		ALL PR	NE.NPU) GO T	0 0 0	ROPWT=008(J	RUPOL = DDB (JY+	FILORA	RINT 80	ERR=JERR+	ONTINUE	ROPOL=	لا ا		FORMAT (34HD***ERROR IN PROLINK*** VEHICLE = ,46,44) End
										უ (უ (ပ			ហ				09		0		ر	, U	ာ
5 5 F W				~			0	₩	∼ (2	5 0	ıM	~		3		v c	S	S	9	9	0	9	0 +	⊣		214

100		PCL	POL	PCL	P.P.L.	Pol	PCL	PCL1	PCL 1	PCL 1	PCL1	PCL 1	PCL1	PCL 1	POL 1	POL 1	POL 1	PCT 5	Pr. L. 2	PCL2	PCL2	PCL2	P. L.2	PCL 2	PCL2	PCL 2	PCL2	P.L.3	PCLS	アンじる	PCL 3	F.C.L.S	PCE 3	PCL 3	PCL 3	PCL 3	PC - 4		
d		SP(40) + ISPEF(10)				a.			a.	(6,1)-ARPAY(7,1))/WPMX(1)P	a.				a.	C			a.	a.							a .		C 1				Q (a. c		· .
CANTAGA CIQUE QUE IQUE TOTAL		1), WG(12), WPMX(10), I					AY (2,) - ARRAY (2, I)		WOMX(I) - ARRAY (5, I) - ARRAY					10 Ci			G (1.0+WPMX (!!) /WE))/	TO 59					/(G*ISBEF(N)))-1.0)) GO TO 40						i i i i i i i i i i i i i i i i i i i	a see and the second of the se			(G*TSP) GO TO 30	Q		
auca	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	FRAY (3	P.	7	ZPII C.	DO 10 I=1,NTOT	+(1,1)	ΑY	γ (a ,) * (I) u		NIA=0ev	トゥトスリス	3 €	0	7	60. In. 7a.)* (AL)	IF (V.SE. V2Q) 60	いるのニジスのエン	(N) XWGM+BM=GOM	N=N-1	V=VIN-VRD	MDH MM (N) + (EXD (0+A)	IF (WO.LE. WPMX (N)	NPO EQ=-7.5	NRECHN	Nanta	MONWE (N) THE	4F WO + 400	ST(N)XIGNI(N)XIGN	60 TO 20	UMII (N) OM	MOLEWPLUS-WPLON	WELMEIN) * (EXELS*V	IN (ND CE MARK (N)	B-(N) XEGRI (N) XEGR		DM+13MH3M
· • ·	•				:		:			10								21		• •			:			30			-64				50						
			•													Ö	\Box	\Box	\sim	2	\sim	~	₩;	3	4	S	S	9	ڼ	S	ø	~	▶.	~	~		216	VC	V

÷	.0+WPMX(N)/WE)1/S	P33 P0 L 42
	F (3V.E.J.1) V?G=V [N V= D	PR3 PCL 4 3
•	V.5E. V9Q.03.N. E0.1) GO TO 80	PRIPUL 45
	(1) XWGM+2M=1	PROPOL45
	N-CYN=U	PRO PCL 47
		PRJPCL48
	(M.NE.1) GO TO ER	67 TOd Lia
	(N) CM + TUM LLM	PRIPELSI
	© • □ = 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0	PR) PCL 51
	10 2 0 1	
	(0)	PR3 PGL 5 3
	IF (NTOT.ED.1) GO TO 100	'n
	T+2	PCL
	IF (J.6T.NTOT) GO TO 100	P33 P0L56
	TOIN FI DO O	2570dCca
	PEn=WP	PR) PCL 58
	NRE D=NTOT+1+N	PROPORTS 9
	TF (V.LT.VRO.AND.N.EG.1) NZEG=NTOT+1	PROPOLED
	このことし	PRJ PCL 61
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YEAR				•	HMA)		20)					S	009,1			BL (RS3	CARD (16)	X VE F	, KOF								-	T(2)	, KUP		A P
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A GI			NT (8	N	>		TBSP	- 1	iui		Σ.	_	B,NLDD			T 3L 2		ХI	NYRS	111	, VEH2	,177						_			10			2 2
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                                                                                                                                         ASINER
                                                                                                                        ASDAT
2MCBULK,JDONE,VDONE,NMODE(3),CD2(2,20),UPDN(2),CUTOFF,LIMOCC(2),NOCASDAT
               3C(2),KVEH,MCHG,TRIFLE,V1,V2,XL1,XL2,SINGLE,CD(2,20),WLEFT(3,3,2),FASDAT
                                                   ASDAT
                                                                   ASDAT
                                                                                     ASDAT
                                                                                                        ASDAT
                               +LTA(2,400), CR(130), TW(2,200), VOL(400), MAXFLT(30), TPROPW(30)
                                                                                                                                                                              DATA SLKLIM,YES,NO,UP,DOMN/O.2,3HYES,2HNO,2HUP,4HDOWN/
                                                                                                                                                                                                                AND LEG DATA, INITIALIZE VARIABLES
                                                                   EQUIVA_ENCE (FVOL (1,1), TW(1,100))
                                                                                                       EQUIVALENCE (FLTA(1,1), MS(1,1))
                                                                                                                                          EQUIVALENCE (L1,XL1), (L2,XL2)
                                                                                                                                                           INTEGER EXP, YES, NO, D, UP, DOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IF (LIMLEG.LT.1) LIMLEG=5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IF (LIMVEH.LT.1) LIMVEH=5060
                                                                                     INTEGER TYPE, DIRECT, SINGLE
                                                                                                                                                                                                                                                                                                                                                                              CALL UNPACK (KVEH,6,X,12)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CALL UNPACK (J1,18,X,18)
                                                                                                                                                                                                                                                                                                                                                                                                                                 PRINT 700, ICF,ICL,IF,IL
                                                                                                                                                                                                                                                                                                                                                                                              IF (KVEH.GT.0) GO TO 10
                                                                                                                                                                                                                                                                                                                                                             CALL UNPACK (LEG, 6, X, 0)
                                                   REAL WS(2,1), FVOL(2,1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CALL JNPACK (N, 18, X, 0)
                                                                                                                                                                                                                                                                                                                         DO 50 I1=IF, IL, NWDDB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IF (VO_MAX) 20,30,30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LIMLES=TBLES(5,LES)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LIMVEH=DDB(J1+12)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VOLMAX=DDB(J1+15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      XL2=T3LEG(2,LEG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      XL1=TBLEG(1, LEG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          V1=TBVEH(1,KVEH)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            V2=18VEH(2, KVEH)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              X=TBVE+(3,KVEH)
                                                                                                                                                                                                                 GET VEHICLE
                                                                                                                                                                                                                                                   TRIFLE=,999
                                                                                                                                                                                                                                                                                                                                                                                                                 JERR=JERR+1
                                                                                                                                                                                                                                                                     CUTOFF=10.
                                                                                                                                                                                                                                                                                                                                          X = 0.08(11)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CONTINUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                    RETURN
                                                                                                                                                                                                                                                                                                         DHSSAN
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104	2.0	JERR=JERR+1 Print 500 VOLMAX,V1.V2	
+4		ETURN	NER4
~	30	ONITNO	SINE
~		L= J1+4-	SINERA
N		1=J1+NWVE	SINE
\sim		0 40 J=J1,JL	SINERA
2		F ((L1.NE.ID	SINER4
3		PMAX=J	SINERA
M		NMAX=008(J+3	SINERS
t		XPMAX=008(J+	SINERS
4		F (NPZI.EQ.1) PRINT 540, XL1,XL2,V1,V2,UPMAX,DNMAX,EXPMAX,VOLMAX	, ASINERS
		IMVEH, LIMLE	SINERS
/		F (NPZI.EQ.	SINERS
202		0 10	NIS
0	0 7	BULLING	SINERS
0		ALL UNPACK (SINERS
Ħ		YR= IYR+IRE	SINERS
↤		RINT 516, XL	SINERS
m		=I1	SINER6
M		ALL JAPACK (ICE, 12,	SINER6
M		CE=(ICE-1)*NWCE+NB	SINER6
4		RINT 520, DOB(JCE),	SINER6
S		ERR=JERR	SINER6
r	50	ONIINO	SINER6
S		ETUR	S
	ပ		SINER6
9	. 60	FLT=	SINER6
9		ASS=0	SINER6
261		ACTOR(1)=1	SINERY
9		ACTOR(2)=	SINER7
9		TEMS=MAXI+1	SINE
9		CR=	SINER7
9		DONE=	SINERZ
~		=AMIN1 (UPMAX	SINER
~		0 70 ICT=1,NC	SINER7
4		D(1,ICT)=0.	SINE
	ပ	ET FLAG IF CONTAINER IS TOO BIS OR	NER7
312		IF (T350NT(6,1CT).GT.VOLMAX) CD(1,1CT)=-1.	SINER
₩.		=T3C3NT (4,ICT	AS INE R80

	نر	The state of the s			
ď		E (TRCONT(5, TCT) - 1, 166, 68.		FRONT 4	
) -	9 7	0.000,000,000,000,000,000,000,000,000,0		1	
	c c	OTECNINOSE A BITAIN A MI		1.1.111.1.1.1	
	28 3	ONTING		Eloni2	
		L		SI NE 2 A	
		C2 (1-101) # D.		S. C. U.N. L.V.	
	:	2 (2. ICT)	· · · · · · · · · · · · · · · · · · ·	ST NF 28	
	7.	0.00 TOT 180		A C JN LO	
	·	1 / 2 / 4 / 5 / 6		0/01/01/0	
	•	0 80 IM=1,		SI NER 8	
		MODE (IM)		ST NEW 8	
		0 A0 IT=1,		SI NE 48	
		0 80 19=1		SI NE 28	
/ +	(a)	LFEI (IM, IT		SI NER 9	
	G			SI NER'S	
	€ 0 0	EATE WORKING STORAGE ARRAY (WS) OF UNI	ASSIGNED CARGO ITEMS	SINER	
			. ,	62 EN 15	
20		LIC		SI NE 9 9	
5	û6	Ξ	L.	STNERS	
ف		ASE=3		ST NE 29	
2.5		(TS.LT.		9 1 N 1 S	
M) no (TS+1)		STANTS	
, r		CAGNI		Q SEN IS	
		IND VOK ON I		ST NT 1	
M				SI Nº 10	
9		= nna (k=5)		SI NE 1 C	
2		=00°(K-4)		ST NE 10	
, r		L UNPACK (TYPE. 1		SI NE 10	
, , ,	•	L UNDACK (J.1.X.3)		ST NE 10	
7		011		SI NE 10	
5		(TYPE.EQ.4) TYPE=		SINE 10	
0	:	TINDE EG +51 IN		ST NE 10	
23		(J.EQ.1) TYDE=		SI NETO	
9		(TYPE.EQ.3) GO TO 11		SI NF 11	
0	•	CIYPE-E0.23.60.10.10	and the second s	ST.NE 11	
+		(TYDE.EG.		SI NE11	
42		38= JE33+1		ST NET1	
Ŋ	:	INT. 63		SI NET T	
, T		TO 17		ST NET T	
52	101	UNITA		SE NE 1:1	
52		UNRACK. (ICT, 12,00		ASI NET 17	
,		(CD(1,ICT).SE.0.)		SI NET 1	

NO.	RATINA	ST NET 1
4		0.411.40
,	ころんこしりだい しっかい	21 - N 15
-1	0. TO 17	SINF 12
+	ILNO	SINE 12
-	O ACCORD 1 1VO	OF NET 2
1 (THE TABLE OF THE PARTY OF THE P	041240
V	ALL UNABOR II	ST UNITS
N.	VIL UNDACK	SI NE 12
C1	TO DIME = 100 P (K+	SI NE 12
M	(L)	SI NE 12
533	• 0=X	SI NE 1.2
~	ALL DACK LTS	CT NF 12
) /	ATT DACK (1)	OT NET S
		NAME OF STREET
t.	د د	0 T LA T T O
+ 1	ALL PACK (10	0 T 1 N 1 0
C.	ALL PACK (IS	SINE I.
S	CALL PACK (TV	SINETS
		ST NE 13
	FOR FACH DIRECTION IN WHICH CARGO MUST TRAVEL. CHECK FOR F	SI NETS
	VOLUME, ADD ITEM TO LIST (MS) OF ACREPTABLE D	SI NE13
		SI NETS
S	0.169 L=1,	SENETS
ဖ		SINET.4
9	ODE=MAASF	PI NET TO
~	0 = K+L	SI NET 4
~	T=008(IP	ST NE 14
~	L	ST NF 14
~	e Til	SI NF 14
577	F (L.£∩.2) D	SINE 14
:>	PINT 653, C1, C	OI NET 4
\sim	RINI 560, 10, 181, U	SI NETT
~	ERP=JERR+1	SI NF 14
\sim	0 TO 160	SI NE 15
~	21 CONTINUE	ST NE TE
	IF TYPE = BULK, ADD WEIGHT	SI NE 15
_	DIRECTION. CHECK FOR ITEMS OF EXCESSIVE W	SI NE 1'S
M	I.F(IXPE.EQ.2) 60 10 151	SINE15
M	F (VOLIME	SI NE 15
643	MODE, EQ. 2) GO TO 15	ASI NE 156
t	=H-1	SI NE 1:5
4	LL.	SINE15

2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z ÄÄ ÄÄ
(1.5%)
ASS NET SENDED TO SENDED T
INT 563, C1,C2,HT,VOLUME,V1,V2,XL1,XL2 ((U37.EO.1).ANJ.((.F.O.2)) ITEMS=ITEMS+1 ((U37.EO.0.).30 TO 150 INT. 593, C1,C2,V1,V2,XL1,XL2 INT. 593, C1,C2,V1,V3,V3,V3,V3,V3,V3,V3,V3,V3,V3,V3,V3,V3,
(1.021.E0.1).AND.(L.FO.2)) ITEMS=ITEMS+1 ASINE16 ASINE16 (1.02.20.6).30 TO 150 (1.02.50.70.1).AND.(L.EQ.2)) FO TO 170 ASINE16 ASINE16 ASINE16 ASINE16 ASINE16 ASINE16 ASINE17 (1.02.50.70.1).AND.(L.EQ.2)) FO TO 170 ASINE17 (1.02.50.70.1).AND.(L.EQ.2)) FO TO 170 ASINE17 (1.02.50.70.1).AND.(L.EQ.2)) FO TO 170 ASINE17 (1.03.50.1).AND.(L.EQ.2)) FO TO 170 ASINE17 (1.03.50.1).AND.(L.EQ.2)) ASINE17 (1.03.50.1).AND.(L.EQ.2)) ASINE17 (1.03.50.1).AND.(L.EQ.2)) ASINE17 (1.03.50.1).AND.(L.EQ.2)) ASINE18 (1.03.50.1).AND.(L.EQ.2)) ASINE18 (1.03.50.1).AND.(L.EQ.2)) ASINE18 (1.03.50.1).AND.(L.EO.1).AND.(L.EO.1).AND.(T.EO.1).AN
The state
0E=1 (487.50.0) 30 TO 150 (A87.50.0) 30 TO 150 TO 170 ASINE16 ASINE16 ASINE16 ASINE16 ASINE17 (LL PACK (L-2, x, x, 30) LL PACK (L-2, x, x, x, 30) LL PACK (L-2, x, x, x, 30) LL PACK (L-2, x,
(URT.ED. 6) 30 TO 150 INL.690. C1.02, V1, V2, XL1, XL2 INL.690. C1.02, V1, V2, XL1, XL2 INL.690. C1.02, V1, V2, XL1, XL2 S. ACSEDTARLE. INL.101 INL.10
INT.699, C1,C2,V1,V2,XL1,XL2 TO 179 ASINE16 ASINE16 (LCA*.En.1).aND.(L.E0.2)) GO TO 170 ASINE17 (LCA*.En.1).aND.(L.E0.2), Y,3d) (LCA*.E1EMS.L.EMS.) GO TO 520 ASINE17 (LCA*.E1EMS.L.EMS.) GO TO 520 ASINE17 ASINE17 ASINE17 ASINE17 ASINE18 (LA*.E1EMS.L.EMS.L.ETTMODE, TYPE.L.) + WT (LA*.E1EMS.L.EMS.L.ETTMODE, TYPE.L.) + WT (LA*.E1EMS.L.EMS.L.ETTMODE, TYPE.L.) + WT (RYPE.NE.2) GO TO 160 (RYPAT.ETMS) (RYPE.NE.2) GO TO 160 (RYPE.NE.2) GO TO 160 (RYPE.NE.2) GO TO 160 ASINE18 (RYPE.E.IL). GO TO 160 (RYPE.E.IL). GO TO 160 (RYPE.E.IL). ASINE 580, NMODE, ((CD(I, J), I=1, 2), J=1, NCONT) ASINE18 (RYPE.E.IL). ASINE 580, NMODE, ((CD(I, J), I=1, 2), J=1, 10, 10, 11, 11, 11, 11, 11, 11, 11, 1
ASINE16 ASINE16 ASINE16 ASINE16 ASINE16 ASINE17 ((ACT = C) + 1) + AND ((L + EQ + 2)) FO TO 170 ASINE17 ((ACT = C) + 1) + AND ((L + EQ + 2)) FO TO 170 ASINE17 ((ACT = C) + 1) + AND ((L + EQ + 2)) FO TO 170 ASINE17 ((ACT = C) + 1) + AND ((ACT = C) + 1) ((ACT = C) + 1) + AND ((ACT
S ACCEPTACLE. NITAMIE NITAMIE NITAMIE NITAMIE NITAMIE ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA ASINET
ASINETA ((J22*E7.1).AND.(L.E0.2)) CO TO 170 ASINETA ((J32*E7.1).AND.(L.E0.2)) CO TO 170 ASINETA LL PACK (L.2,v,30) LL PACK (L.2,v,30) LL PACK (L.2,v,30) LL PACK (L.2,v,30) LL NACK (ITC,3,x,0) ASINETA (NODE,NE,2) CO(L,ICT)=CO(L,ICT)+WT ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA (NODE,NE,2) CO(L,ICT)=CO(L,ICT)+WT ASINETA ASINETA (NODE,NE,2) CO(L,ICT)=CO(L,ICT)+WT ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA ASINETA (NODE,NE,2) ASINETA ASINETA (NODE,NE,2) ASINETA (NODE,NE,2) ASINETA (NODE,NE,2) ASINETA (NODE,NE,2) ASINETA (NODE,NE,2) ASINETA (NODE,NE,2) ASINETA ASINETA (NODE,NE,2) ASINETA (NODE,NE,2) ASINETA (NODE,NE,2) ASINETA ASINETA (NODE,NE,2) ASINETA (NODE
##############################
ASINETZ LL PACK (L,2,4,30) LL DACK (L,2,4,30) ASINETZ LL UNDACK (IELS,3,x,0) LL UNDACK (IELS,3,x,0) =1001003*IFLG+N + IFNMN =1004000.**JPB (K+3,YVLMAX)/10 F000.**JPB (K+3,YVLMAX)/10 F0000.**JPB (K+3,YVLMAX)/10 F000.**JPB (K+3,YVLMAX)/10 F000.**JPB (K+3,YVLMAX)/10 F0000
(IIEMS*-LF.NASS) GO TO 520
LL PACK (L,2,4,30) LL PACK (MNDE,2,7,34) LL DNACK (MNDE,2,7,34) LL UNDACK (MNDE,2,7,34) LL UNDACK (IPMM,12,00)(IS),24) LL UNDACK (IPMM,12,00) TUE 120 TUE
LL PACK (MOTE, 2, Y, 34) (4, ITEMS) = Y LL UNDACK (ITLS, 3, Y, 0) LL UNDACK (ITLS, 3, Y, 0) LL UNDACK (ITLS, 1, Y, 0) LL UNDACK (ITLS, 1, Y, 0) = 100 0.00000000000000000000000000000000
ASINTITY LL UNDACK (IFL5, 3, X, 0) LL UNDACK (IFL5, 3, X, 0) LL UNDACK (IFL5, 3, X, 0) LL UNDACK (IFL6, 3, X, 0) LL UNDACK (IFL6, 4, 17 No. 12, 0.24) = 100.0.0.* **D18 (**3, X, 0) = 100.0.0.* **D18 (**3, X, 0) = 100.0.* **D18 (**3, X, 0) = 100.
LL UNPACK (IFLS, 3, x,0) LL UNPACK (IPNMM, 12, n0 2 (1) LL UNPACK (IPNMM, 12, n0 2 (1) = 100003*IFLG+N + IFNMN = (0N+10 C00.*7)B (K+3) / VOLMAX) / 10 F000.0 = (0N+10 C010 F = WT = (NH10 C010 F = WT C 3, ITEMS) = WT C 4, ITEMS) = WT C 5, ITEMS) = WT C 6, ITEMS) = WT C 7, ITEMS
LL UNPACK(IPNMM, 12, n09(IS), 24) =100,003*IFLG+N + IFNMN = (0N+10000.*7)B (K+3)/VnLMAX)/10 60000. = (0N+100000.*7)B (K+3)/VnLMAX)/10 60000. TUE 120
=1003n3*TFLG+N + TFNMN =(0W+13C00C.*7)B(K+?)/VnLMAX)/106000. =(0W+13C00C.*7)B(K+?)/VnLMAX)/106000. =(WT.LI.CUTGE)?CUTGE=WT =(WT.LI.CUTGE).CUTGE=WT =(W
= (DW+13 (000, *D)B (K+3)/vnLMAX)/10 f0000. (WT.LT.GUTDE)CUTOFF = WT = MT. + DW (2,ITFMS) = WT (3,ITFMS) = WT (4,ITFMS) = WT
THE 12 OL FRE OBS (2, ITEMS) = WT (3, ITEMS) = WT (4, ITEMS) = WT (5, ITEMS) = WT (6, ITEMS) = WT (7, ITEMS) = WT (8, ITEMS) = WT (8, ITEMS) = WT (8, ITEMS) = WT (9, ITEMS) = WT (1,
FEG 08.0 MI. + DW (2,ITEMS) = WT (2,ITEMS) = WT (2,ITEMS) = WT (2,ITEMS) = WT (CITEMS)
ASTNF18 ASTNF18 C(ITEMS)=WT C(ITEMS)=VOLUME CDE(MODE)=NMODE(MODE)+1 CDE(MODE)=NMODE(MODE)+1 COE(MODE)=NMODE(MODE)+1 COE(MODE)=NMODE(MODE)+1 CMODE, COE(MODE) CTYPE, NE, 2) GO TO 160 CMODE, COE, 3) COE, 1 COE, 1 COE, 1 COE, 2) COE, 1 COE, 2 COE, 3 COE,
L(ITEMS)=VOLUME ADE(MODE)+1 ODE(MODE)=NMODE(MODE)+1 EFT(MODE,TYPE,L)+WT (NP21.EG.1) = WLEFT(MODE,TYPE,L)+WT (NP21.EG.1) = QINT 573, TTEMS,C1,C2,IS,MODE,TYPE,L,ICT,WT,VOLUMEASINE18 RT,ISD (TYPE.NE.2) GO TO 16g (TYPE.NE.2) GOZ(L,ICT)=CD2(L,IC1)+WT (MODE.EG.2) CD2(L,ICT)=CD2(L,IC1)+WT ASINE18 ASINE18 ASINE18 ASINE19 (NP31.EG.1) PRINT 58G, NMODE,(CD(I,3),I=1,2),J=1,NCONT) ASINE19 (NP31.EG.1) PRINT 58G, NMODE,(CD(I,3),I=1,2),J=1,NCONT) ASINE19
ASING18 GDE(MODE) = NMODE(MODE) + 1 ASING18 (NP2T.EO.1) = WLEFT(MODE,TYPE.L) + WT (NP2T.EO.1) = PINT 573, TTEMS,C1,C2,IS,MODE,TYPE,L,ICT,WT,VOLUMGASING18 RI,ISJ (TYPE.NE.2) GO TO 169 (MODE.EO.2) GOZ(L,ICT) = CDZ(L,ICT) + WT (MODE.EO.2) COZ(L,ICT) = CDZ(L,ICT) + WT ASING18 ASING18 ASING18 (NP2T.EO.1) GO TO 90 (RS.LE.IL) GO TO 90 (NP2T.E.IL) GO TO 90
ASINE18 (NP2T.EG.1) = WLEFT(MODE, TYPE.L) + WT (NP2T.EG.1) = P2INT 573, TTEMS, C1, C2, IS, MODE, TYPE, L, ICT, WT, VOLUME ASINE18 RT, ISJ (TYPE.NE.2) GO TO 169 (MODE.EG.2) GOZ (L, ICT) = GOZ (L, ICT) + WT (MODE.EG.2) GOZ (L, ICT) = GOZ (L, ICT) + WT (MODE.NE.2) GOZ (L, ICT) = RSINE18 ASINE18 ASINE18 - (TS-LE.IL) GO TO 90 (NP2T.E.IL) SO TO 90
(NP21.EQ.1) P2INT 573, TTEMS,C1,C2,IS,MODE,TYPE,L,ICT,WT,VOLUMEASINE18 RT,ISJ (TYPE.NE.2) G0 TO 16g (MODE.EQ.2) CD2(L,ICT)=CD2(L,ICT)+WT (MODE.EQ.2) CD2(L,ICT)=CD2(L,ICT)+WT ASINE18 NTINUF =IS+WWMISS (IS.LE.IL) G0 TO 90 (IS.LE.IL) G0 TO 90 (NP21.EQ.1) P2INT 580, NMODE,(CD(I,J),I=1,2),J=1,NCONT) ASINE19 (NP21.EQ.1) P2INT 590, (((TM,IT,ID),MLEFT(IM,IT,ID),ID=1,2),IT=1ASINE19
ASINEIS (TYPE.NE.2) GO TO 169 (MODE.EQ.2) CD2(L,ICT)=CD2(L,ICT)+WT (MODE.NE.2) CD2(L,ICT)=CD3(L,ICT)+WT ASINEIS ASINEIS (IS.LE.IL) GO TO 90 (IS.LE.IL) GO TO 90 (NPRI.EQ.1) PRINT 580, NMODE, ((CD(I,3),I=1,2),J=1,NCONT) (NPRI.EQ.1) PRINT 590, (((TM,IT,ID),MLEFT(IM,IT,ID),ID=1,2),IT=1ASINEI9
(TYPE.NE.2) GO TO 169 (MODE.EQ.2) GO2(L,ICT)=CD2(L,ICT)+WT (MODE.NE.2) CO2(L,ICT)=CD2(L,ICT)+WT ASINE18 ANTINUF =IS+NWMISS - (IS.LE.IL) GO TO 90 (NPR.EQ.1) PRINT 580, NMODE, ((CD(I,3),I=1,2),J=1,NCONT) ASINE19 (NPR.EQ.1) PRINT 580, ((TM,IT,ID),MLEFT(IM,IT,ID),ID=1,2),IT=1ASINE19
(MODE.EQ.2) GD2 (L,ICT)=CD2(L,ICT)+WT (MODE.NE.2) CD(L,ICT)=CD.(L,ICT)+MT ASI NE18 ANTINUF IS+NWMISS (RS+LE.IL) GO TO 90 (NP?I.EQ.1) PRINT 580, NMOPE, (CD(I,3),I=1,2),J=1,NCONT) ASI NE19 (NP?I.EQ.1) PRINT 590, ((CM,IT,ID),MLEFT(IM,IT,ID),ID=1,2),IT=1ASI NE19
ASINE18 NTINUF ISALE.IL) GO TO 90 (NPRI.E.IL) PRINT 580, NMOPE, (CD(I, 1), I=1, 2), J=1, NCONT) ASINE19 ASINE19 ASINE19 ASINE19 (NPRI.E.1) PRINT 580, NMOPE, (CD(I, 1), I=1, 2), J=1, NCONT) ASINE19 (NPRI.E.1) PRINT 580, NMOPE, (CD(I, 1), I=1, 2), J=1, NCONT)
ASING18 =IS+WWMISS - ([S*LE.IL) GO TO 90 (NP?L.E.IL) PRINT 580, NMODE, ((CD(I, 1), I=1, 2), J=1, NCONT) (NP?L.EQ.1) PRINT 590, ((([M, IT, ID), MLEFT(IM, IT, ID), ID=1, 2), IT=1ASINE19
=IS+NWMISS - (IS*LE.IL). GO TO 90 - (NPQI.EQ.1) PRINT 580, NMODE, ((CD(I,3),I=1,2),J=1,NCONT) - ASINE19 - (NPQI.EQ.1) PRINT 590, (((TM,IT,ID,WLEFT(IM,IT,ID),ID=1,2),IT=1ASINE19
ASI NE 19 (NPQI.EQ.1) PRINT 580, NMODE, ((CD(I, 1), I=1, 2), J=1, NCONT) ASI NE 19 (NPQI.EQ.1) PRINT 590, (((TM, II, ID), MLEFT (IM, II, ID), ID=1, 2), IT=1ASI NE 19
(NPQI.EQ.1) PRINT 580, NMODE, (CDCI, 1), I=1,2), J=1, NCONT) ASINE19 (NPQI.EQ.1) PQINT 590, (((IM, IT, ID, MLEFT (IM, IT, ID), ID=1,2), IT=1ASINE19
F (NPQI.EQ.1) PQINT 590, (((TM.IT,ID,WLEFT(IM,IT,ID),ID=1,2),IT=1ASINE19
AST NE 1.9
C TURN FOR

•				:	
	****		***	S V * * * * * * * * * *	49
	C				E 1201
167	5	13181+	:	2	E1201
171	Ć.	DAMMAY +TREEL	£ .		1231
172	Û	VMdX3=)		G.E	1231
174	ご	CUTOF			E1201
					I NE 19
	S	START ASSIGNMENT PROCEDUPE. INITIALIZE FLIGHT DATA		AS	I NE 19
	C				I NE 1.9
~	8.7 I	F ((NYODE(1)+NMODE(7))			INE 2 C
C		.F.0) GO TO 1			INES:
0	ĺι.	T) = VOL.4AX-RVOL.C			I NE 20
50 6	·.	VOL (2, NFLT) = VOLMA X-RV			INESU
74	100 U	CONTINCI			INE 20
44	z		•		INESO
	ī	1			TNESO
2	-	CI H			INE 20
\mathbf{c}	ī	11			I NF 20
\sim	>	XTHOLITON			I NE 20
\sim	ັ.	CCAP=0.	•		INE21
\sim	ž	PANNTO-8			I NE Z 1
\sim	ž	NOCC(1)=0			TNE21
\sim	ž				IN=21
()	٦	LIMOGO(1) =MINO(LIMLEG, LIMVEH)			I NE 2.1
M	<u>ت</u>	<u>ب</u>	•		INE 21
(>	VOONE=3.			INE 21
m	Ĺ.	FXP=NO			INE 21
M	Ę.	یے			I NE 21
3	œ.	JL MA			I N= 21
3	¥	INC®ULK=0		AS	INE 22
M		ニコーマン			INE SE
M	2	BASE=			INE 22
,	C	entra and republicant experiences. The contract of the contrac			I.NE.22
	*	IF ANY EXPENDED MODE CARGO REMAINS, ASSIGN THAT (M	ANNED OR .		I NE 22
1	,			AS	ST NE 225
237		IF(NMODE(1).LE.0) GO TO 240			TNEZZ
243	>	VCAPHEXPAAX			INESS INESS
243	F	14(C)*Nulli) 1-10			INEZZ
245	2	NEV=NEV+1		N €	7,0
546	:ປ	CHARGES		S	T, N

ST NF 23		SINEZS	SENT'S	SI ME 23	ST NE 27	SINF 23	SI NE 23	ST NE 23	SI NF 23	ST NE 24	SI NE24	SI N=24	71 Nº 24	SI NE 54	STINE 54	PERN IV	72 SHIS	SI NE 24	SI NE 24	SINE25	SI NF 25	62 PN 12	SENE 52	SI NE 25	SINESE	SE NE 25	ST NE 25	OF NESS	ST NF 259	SI MF 26	SI NE 26	SI NE 26	SINE 26	SI NF 26	SINE26	SI NE 5 6	SI N= 56	SINEZ 6	ST NE 26	SI ME 27
4			d	C 1	d	d	V	d	A	4			0 TO 330	4	V	Q	Δ			A		A.	₹ .	4	₹		4		4			≪ .	A	ব	V	⋖	ď	ব	4	V
						.1) GO.TO 48	r) 30 TC 2	0,230,180	•			S.LIMOCC(1)), AND. (MCEULK.	LIMOCO(1)) . AND. (NO TILK.E	MAY) GP TO 23		1 05 (1.	6,223,180		0) 50 Tr 21	0.1) GO TO		H CAPSULE					277,250,290), I		•6F.LIMOCr(1)) GO TO 270			0•1) GO TO 486	.0.) 50 TO 27			180,250,180		3.3 SO TO 290		.5F.LIMACC(2)) 60 TA 293
9=(2)550R1			DIPECT=1	1-501	CALL FINE	F. CUDONE:	F (IN)EX. E	F (VBONE)	BUNITAG	MCAILK=1	YPERZ	CN) L	TF ((N) CC (1)	F (VCA	ALL EIN	P. GNOND, B	(ANOUAL)	HINILAD	N. XICKID HI	TE (MAJANED.		THE PURC NULLWAY C		THURSE STORES	L G >	+ULINVEH=	Ga Ta (256)	CNIINO	(1) CAOL (1)	IRFOT=1	ALL FIND	E COUCH E	E (INDEX.E	CRULK=	CAPECON	E (VDJNE)	TENO	TF (MAN	TP EDT=2	F (NOSC(2)
24	, L	2 1	23	25	25	25	25	25	25	26	25	25	1272	30	33	30	2	30	130	31	•			5.	2	31	2	32	1326	κ) (Α	333	33	33	%	33	34	34	34	. † M	34

35		ALL FIN	ASINE271
35		F (JOONE, En. 1) 30 TO 48	SI NE 2.7
35		ECN1) B	ST NE 27
5		1=X11165	SI NE 27
35		F (MANNED, ED. 3) COP	SI NE 27
1361		180,230,1	SI-NE 27
6 0	ב אכ	BINLENU	SINF27
			SINE27
	O	RY TO FILL REST OF VEHICLE WITH DISCRETE CARGO UNTIL	NASE ME 27
	C	LLS RELOW COAP (PENATNING CAPSULE CAP	SI NE 2.8
	د	CAP MAY RE ZERRY, SUCH AS WHEN NO CAPSULE IS ASSIGNE	SI N= 28
	C		SENESS
35	- 0 c2	Yp=3	STINE 28
1363		E.	SI NE 28
35		0 320 0	SI NE 28
7	333	F (MOG) (DISEC	SI NE 2.8
37		ALL FIN	SI NE 28
37		F (MODNE, En. 1) 30 TO	SINES &
37		F (INDEX.ED.0) GO TO 32	SINEZA
37		F (VAONE) 180,31	CI NE SO
37	31)	NHINO	SI NE 5.9
37		(V)	SINE 59
Ç.	32 ₁	ONTIN	VSI ME 203
	د		SINE 5
	MAM	NEW CARSILE WAS ASSIGNED. TRY TO FILL IT WITH RULK CARGO.	21 NE 29
	ы. Н С	HORE THAN ONF KIND OF BULK CARGO REMAINS, LOAD FT	SI NE 2.9
	5 Lu. Ci.	AINING IN SMALLEST QUANTI	SI NE So
			SI NE 29
1473	33)	IF ((MCR/1LK.En.a), CR.(CCAP.LT.CUTOFF)) GG TO 418	ST N 129
44		ÜHLU	SINESO
41		IRECTHANNEL	SINE 30
41		H (MANNED. E	SI NESS
† 1		YP==2	SI NE 30
41		ODE=MaveE	SINE 30
42	243	OTAL=1.E	SI NF 30
45		01=0	SIN130
42		0 360 J=1,NrO4T	STNESO
† †) INCCUEL L	ST NESS
77	350	=Cn(nteent,d)	D S L N L S
7 7		# (MODE 등이.	SI NE31

L		101 UU	ACTME244
+			OT ME OF
1463		TOTAL	SINESI
1463		CT=J	SINE 31
46	360	CONTINUE	NEW 1
	ر د		ASINE31
	ပ	MCT = 0, NO MORE BULK REMA	O ASINEST
	ပ	ACK TO ASSIGNING DISCRETE CARG	SINE 31
	C		SINE31
45		(MCT.6T.0) GO TO 3	SINE 31
47		(MODE.EQ.2) 30 TO 3	SINE 35
47		E	SINE32
47		TO 3	SINE 32
1473	370	9	SINE 35
47		T0 29	SINE 35
47	380	LL FIN	SINE32
47		(JJONE.50.1) GO TO 48	SINE 35
50	•	(IN)EX.EQ.	SINE 35
50		(VDONE) 180,39	SINE 35
50	39.0	NIINUE	SINE 35
50		HUM)	SINE33
50		AS	SINE33
50		TO 33	SINE33
50	0 0 7	(CCAP-CUTOFF) 410,410,380	SINE33
	ပ	AD CONTAINERED BULK. ASSIGN NEW CONTAINER WHEN PREVIOUS ONE	ASINE33
	ပ	D CREATE AN ENTRY IN THE WS MATPIX FOR A TRIP FOR THE EMPTY I	SINE33
	U	POSITE DIRECTION. IF MORE THAN ONE KIND OF BULK REMAINS, LOA	ASINE33
	ر د د	AT KIND WHICH CAN BE ASSIGNED IN GREATEST QUA	SINE33
51	410	d.	SINE34
5,1		3ULK	SINE 34
51		AP=0.	SINE34
51		0E=M	SINE34
51		MCT=0	SINE34
51		AX=TRIFL	SINE34
51		430 I=1,2	SINE 34
52		(NOCC (I) . GE.	SINE34
55		CAP=VCAP/FACTC	SINES
55		420 J=1,NCON	SINE34
1546		(5,7	SIN
24		×	SINE35
52	•	IF ((IX.NE.2).AND.(IX.NE.4)) GO TO 420	SINE35

•				SINE35	SINESS	STNF35	STARTS)	SINESP	SINE35	SINESS	CTAICZC		SINESP	SINE 36	SINE 36	SINES	STAF36	STAFIS	CTAFAC	ひかしたけの	SINE 36	SINE36	SINE 37	SINE 37	SINE37		SINE 37	SINE37	SINE 37	SINE37	SINE37	SINE38	SINE38	SINE38	SINE38	SINE38	SINE38	SINE38	SINE39	SINE39	SINE 39	SINES	SINE39	M	SINE3
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	•					(× · <	•	į	W . I C.	0							TONED	1	٠.									-																		
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						13. 1300		:		(I)) 60		٠		e.			NAC)			.		٠	•	_			0 7 7 6 1				٠.			(1)	(5)		Ç	51			_		٠		0 1
					D2(I.	Z			ဂ က	• 3V OL (A.C.	1040		\(\frac{1}{2}\)	- 1	7 C.L	16		TO 460			10,410		TO 410					100 c-X1	101 a-X1		HT HO	09	•	1.	170 51	\ \ -	÷		0 10 18
					2.) X=C	P-18C) (·		~	5, 1) • 61							C				5 (10	2. go . go	80,45		05 (6			OFF) 4		(2) 30					=V0L	= 40		PGO F	LE.O	10.50		0.23 60	,			.1) 60
-				•	01.0	(740) 1	: (: (: (ONT (•		١		山田	ΞŒ		14	, , , ,		ا.از • دنا	×	Œ:	E =	HG.EQ.			AP-CUT		19E.EQ.		0 7 7	Ж П.	u: ⊟	FLT	, NFLT)		.C	E (2	(<u>u</u>		11. (1	j •		, 1911	ONE.NF
				X=CD (I	_	×	:	- `	_	_	11	i u	ت ا ال ا ا	MMDX	CONTIN	CONTIN	TE MCT	THE CALL			こうし しょ	IF (IN	IF (V)	CONTIN	CM) JI	MB & S E=	MODE = 3	IF (63	CONTIN	IF (MO	MO:05=2	G0 T0	ALL DO	CONTIN	FV 0L (1	FVOL (2	RETURY	TO A:55	IF (NY	IF (V)	CONTIN		MAAA	60 10	CONTIN	IF (J)ON
			ż				•					•			C)	430	c)	0 7 7	۲				450				9	470				ပ	489				C TRY	9.0		500	•		٠.	510	
				56	56	36	1573		5	9	5	1 4	1	61	61	62		52	5	7 0	9 0	29	163	163	63	163	1633	63	63	63	49	64		79	1647	65	65		65	65	65	5.00	9	99	1663	99
						•																	٠		- •													•								

ASINE397	ASINE399	SINEGO	INE40	SINE40	SINE40	SINE40	INE40	INE40	SINE 41	INE41	SINE41	SINE 41	SINE41	SINE41	SINE41	SINE41	SINE41	SINE41	SINE 45	SINE42	SINE 45	SINE42	E42	SINE42	SINE 45	SINE42	SINE 45	SINE42	SINE 43	SINE43	INE#3	SINE43	INE43	INE43	ASINE4	SINE43	E 43	STNE43
							10.1,5X,5HD	, SHLIM		ICT WEI				10X, 2F12.1		I7,F15.1)	E , AS, A4	N VEHI			LVE FOR CON		EH. , A6, A4,		T OF, F10.	SSING	.2,		,246,6H, LE		,246,22H I		6 , A 5	IRED T		H, ICL=16,5		
							16H UPMAKE	X,5HLIMVEH		TYPE DIRECT				IX,2F12.17) ,/(I4,15	FOR VEAT	, A6, A4, 12			ILLEGAL VAI		45, 44, 5H VE		A4,9HWEIG	R PROPER P	JON HE		ON VEHICLE		∞	IX.)	R VEHIC	ALSO RE	1	H ICF=15,61		
							HH	MAXF10.1,5		IS MODE	~		, I1	COHO		LEFT (M, F	, £16.8,14H	A FOR LE			A6,39HHA		ZH C		46,5H H4S	0.3,23H FO	4H WT. 9=7.		N ASINES		HICLE ,24	W TW MATR	5,44,134	ICLE BUF		CARGO AIT		
		2, MAXI		2 MAXF			246,5X,8HV	.1,5X,6HVOL		lu!	ΣI		2F10.1,I	E = ,315		, -	ME LIMIT	7.	14	30 , A6, A4	T NAMED ,	Œ.	RGO , A6, A4,		T NAMED .	THE VALUEF1	GO , A6,		RGO ITEMS I		GHTS OF V	DH. DUT	ELFMENT	NOED VE	ICLE.)			
		, V2, XL1, XL		, V2, XL1, XL	-		SINER. LEG	EXPMAXF10		S CAR	OUNDIR	12	1,4I5,I	TALS. NMO.		ODE TYPE	ALID VOL	INER CANN	HE YEAR	EJECT* CA	RGO ELEME	I5,22H) I	JECT* CA		RGO ELFME	T EXCEED	EJECT* CA	, A6	O MANY CA	MIT IS, 15)	O MANY FL	IT IS, 15,	JECT CARG	9HNEEDS E	SAME VE	HICLE NUM	Ħ	
UPV	ST	T 670	UPV	VT 580, V1	7&D	٠	AT (13H1A	.1,5X,6	. (2	AT (89H0I	ii.i	AT (1H , 3	×	AT (17H0T		AT (35H0M	AT (23H0I	AŢ (33H0A	A4,13H I	AT (16H *	AT (2140C	P CLASS ((16H *	3 , A6, A4)	AT (21HDC	WEIGHT MU	AT (15H *	A4,5H LES	AT (43H0T	,10H. LI	AT (29H0T	NES. LI	AT (22HOR	, 44/5X,		AT (39H0V	=15,5H, I	
ا يا	ERR	520 Ppl	₩,	A H	H G G	ပ	40 FOP	ΑX	2E3I	0	H	6.0 FOR	90	80 FOR	1).	9.0 FOP	O.R	10 FOR	1,46	80	30 F09	IAIN	FOR	1H L	0.0	1294	F0.9	A 5	FOP	1,2	೧ ′	AS	C)	ш	2E 3	F03	<u> </u>	Z
1665	,	299	70	1707	7.25	- .										<u>-</u>		_			~				- -:								-				r	1771

٥	FIND SIGN TO CURRENT FLIGHT A CARGO ITEM OF SPECIFIED MOD	
ပ	YPE AND DIRECTION, USING A SPECIFIED TYPE OF BULK CONTAINER (IF FIND	_
ပ ပ	PPLICABLE), AND NOT EXCEEDING SPECIFIED WEIGHT.	_
,	OMMON /CONT/ NCONT, NCTMAX, TBCONT(8, 20)	
	NLEG, NLGMAX, TBLEG (12,63), LASTLG	
	OMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH (5, 31), NPREF, VPRELABEL1	
	(20), NOVEH, VEH(30)	
	OMMON /SPDS/ NSPD,NBSPD,NLSPD,TBSPD(3,20)	
	OMMON /FACS/ NFAC,NWFAC,NBFAC,NLFAC	
	OMMON /CRGS/ NCE,NWCE,NBCE,NLGE	_
	OMMON /LCLF/ LCE, LFAC	_
	OMMON /PROG/ PNAME(3,63), NPROG, MNAME(3,63), NMISS LABEL11	
	OMMON /MISS/ LNSTH, NWMISS, NBMISS, NLMISS	
	OMMON /DDBS/ NDDB,NWDDB,NBDDB,NLDDB,MDDB,NBLK	_
	OMMON /IVA/ MIVA,NIVA,IVA(250)	
	OMMON /IFA/ MIFA,NIFA,IFA(630)	
•	OMMON /FIBL/ MIBL, NIBL, NIBL1, NIBL2, NFIBL(200)	
	OMMON /KEL/ KEL	
	OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	
	OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IRELOTLABEL11	
	OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, LABEL11	_
	ITBONT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JLABEL12	
	LAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, 177, J77, KOPT (10), MAXCGN, IPLTP, MAXSLABEL12	
	PR,L140T,L18UC,LIML1	
ပ	LABEL 12	
ر	ABEL 12	
>	ABEL 12	
U	LABEL 12	
	L 12	
ပ	LABEL12	_
	IVALENCE (DD8(1), DB(1), IDO8(1), ID8(1)) TVALENCE (OFFLOD, KOPI(1)), (BASE, KOPI(2)), (SINDEP, KOPI(3)), (CLABEL13	
	LVEH, KOPT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6))	_
ပ	BEL 13	
د	CABELL OMMON /ASBAT/ MODE.TYPE.DIRECT.VCAP.CCAP.FACTOR(2).INDEX.MCT.EXP.ASDAT	
	TEMS, NASS, NPRI, ICT, MANNED, NEV, NFLT, NCR, VOLMAX, RVOL (2), NCALL, ASDAT	_

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   35
2MCBULK, JDONE, VDONE, NMODE(3), CD2(2,20), UPDN(2), CUTOFF, LIMOCC(2), NOCASDAT
3C(2), KVEH, MCHG, TRIFLE, V1, V2, XL1, XL2, SINGLE, CD(2,20), WLEFT(3,3,2), FASDAT
                             ASDAT
                                           ASDAT
                                                         ASDAT
                                                                       ASDAT
                                                                                      ASDAT
                                                                                                   ASDAT
                                                                                                                  FIND
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                                                                                                                                                                                                                                                                                                                                                                   FIND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FIND
                                                                                                                                              10
                                                                                                                                               ALSO
                             4LTA(2,400), CR(100), TW(2,200), VOL (400), MAXFLT (30), TPROPW(30)
                                                                                                                                               WEIGHT LIMIT (WTLIM) AND WHETHER A CONTAINER IS
                                                                                                                                                                                                                       240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRINT 360, (TBCONT(I, MCT), I=1,3), V1, V2, XL1, XL2
                                                                                                                                                                                                                       30 TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IF (T330NT(6,MCT),GT.RVOL(DIRECT)) G0 T0 240
                                                                                                                                                                                                                       IF (WLEFT(MODE, TYPE, DIRECT).LE.TRIFLE)
                                                       EQUIVALENCE (FVOL(1,1), TW(1,100))
                                                                                                                                                                                                                                                                                                                                                     IF (MODE.EQ.2) X=CD2(DIRECT,MCT)
                                                                                      EQJIVALENCE (FLTA(1,1), WS(1,1))
                                                                       INTEGER TYPE, DIRECT, SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                         IF (WTLIM.LE.CH) GO TO 240
                                                                                                                                                                                                                                                                                                                                                                   IF (X.LT.TRIFLE) GO TO 240
                                                                                                                                                                                                                                                                  WILIM=VGAP/FACTOR(DIRECT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IF (TCAP. GT. 0.) GO TO 20
                                                                                                                                                                                                                                                                                                                                                                                                               (CCAP.61.0.) GO TO 20
                                                                                                                                                                                                                                                                                                                                                                                                                             (MCT.LE.0) STOP 54321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WTLIM=AMIN1 (WTLIM, TCAP)
                                           REAL #5(2,1), FVOL(2,1)
                                                                                                                                                                                                                                                                                                                         (MCT.LE.0) GO TO 10
                                                                                                                                                                                                                                                                                                            60 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TCAP=TBCONT (3, MCT)
                                                                                                                                                                                                                                                                                                                                      X=30(DIRECT,MGT)
                                                                                                                   DATA LIMCAL/100/
                                                                                                                                                                                                                                                                                                                                                                                                                                           CW=T3CONT (4, MCT)
                                                                                                                                                                                                                                                                                                           IF (TYPE.NE.2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MALIMENTLIMECX
                                                                                                                                                                                                                                                    MIMAXH-18.
                                                                                                                                                DETERMINE
                                                                                                                                                                                                                                                                                                                                                                                                 TCAP=CCAP
                                                                                                                                                             ASSIGNED.
                                                                                                                                                                                                                                                                                                                                                                                  COLTINUE
                                                                                                                                                                                          D=X3CN1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FLAG=1.
                                                                                                                                                                                                                                                                                               FLAG=0.
                                                                                                                                                                                                        MCHOHOM
                                                                                                                                                                                                                                                                                ICT=0
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FILLO	NI L	FIND		FIND	FIND	FINO	0 N H H	FIND	FIND	FIND	FIND	FILE		FIND	ONIL	FIND	FIND	FIND	FINO	FIND		ON I	FIND	FIND	SIL	FIND	ONIL	27 1	FIND	FINO	2
FIN FIN SATISFYING SPECIFICATIONS FIN FIN		(0)	± 25,	ONIA	30)	90	FIND ON	. ш		.3)).ST.WTLIM) SO TO 90	F 60 10 90			ONIL			u_ (FIND (8)		-(IX-EU-4) 60 10 90		<u> </u>	FIND	ii.	06 0	IRECT) 60 TO 90		REDUIREMENT		
START SEARCH FOR CAR(MUNITACE MATCHER TO THE PROPERTY OF THE PROPER	ALL PACK (DIRECT, 2,	ALL PACK (IYPE,2,MI	1X (1 , 1)	ALL UNPACK (IX,6,X,	F (IX.NE.MTD) 6	HENC(S)I) F (M. F.ETMAX) NO T	O TO (40,50,60), TY	CARGO ITEM IS CREW	CALL UNPACK (ICT, 4,	F ((M+13CON1(4)1CT	F (Taconi(6,1CT).6T		CAP=TBCONT (LAG=1.	OLUME:	0 10 70	BULK CARGO	CALL UNPACK (ICT, 4, X	X=T8CONT(5, ICT)	A CACACION TO	T (ZELEGISCO CONTROL C	F (INDEX.EQ.0) INDE	0 10 90	ISCRETE CARGO	IF (W.GT.WTLIM) GO T	F (VOL(I).ST.RVOL(D		FUR HANDALUKT KU OR SINGLE-DEPLOYM	CALL UNPACK (ISD)	F ((150.EQ.1).ANL
0000	110 30	i 🗝 :	4 0	10	8	N	m m	3	S	42	S	156	۰ م	9	اق	/	7.1	ري ا	72	~	3 C	216	N	22		23	227	55	ی د	234 70	9

247		LUNPACK (JRT,11,X)	FIND	821
S		F (NOCC(2), GE, LIMOCC(2)) GO T	FIND	8 8
ß		F (V)LUME, GT. RVOL(2)) GO T	FIND	48
9		EISHT=(W+CW)*(1.+FAC	FIND	85
9		F (WEIGHT.GT.VCAP) GO TO 9	FIND	86
~		F ((ISD.EQ.1).AND.(NOCC	FIND	87
/	80	NDEX=	FIND	88
0		TMAX=A	FIND	83
0	90	NILNO	FIND	90
	ပ		FIND	91
	ပ	· · · · · · · · · · · · · · · · · · ·	*FIND	35
	ပ		FIND	93
	ပ	ESIRED ITEM HAS BEEN FOUND IF INDEX IS NONZERO	FIND	46
	ပ	RENT FLIGHT AND ADJUST ALL OTHER RUNNING TOTAL	FIND	92
	ပ		FIND	96
0		NI) 4	FIND	26
7		CALL=0	FIND	98
+		=IABS(I	FIND	66
-		=4S(1,I)	FIND	100
7		OLUME= JOL (I	FIND	101
320		(TYPE.NE.3)	FIND	102
~		ALL UNPACK (JRI,1,X,6)	FIND	103
M		ALL UNPACK (ISD, 1, X	FIND	104
3		F (ISD.EQ.1) LIMOCC(D	FIND	105
	ပ		FIND	106
	ပ	F CONTAINER WAS REQUISITIONED, ADD IT TO CR LIST AND ALSO TO LIS	4	107
	ပ	CARSO IN OPPOSITE DIRECTI	FIND	108
	ပ		FIND	109
M		F (FLAS) 103,110,1	FIND	110
4	100	OLUME=TBCONT (6, IC	FIND	111
ŧ		CAP=TCAP	FIND	112
4		11	FIND	113
Ŧ		8=1	FIND	114
ţ		F (DIRECT.EQ.2) NB=2	FIND	115
S		ALL PACK (ICT, 18, Y, D	FIND	116
S.		ALL PACK (NFLT, 9, Y, NB)	FIND	117
9		F (JRT.EQ.1) CALL PA	DNI L	
365		T MANCH CO TO 2		120
۵		F CACA.	2	

/		(NCR) =	FIND	121	
376		CW*FACTOR(DIR	FIND	122	
		(DIRECT, NFLT) =TW(DIRE	GNIA	123	
)	ب		FIND	124	
0	110	=WS (2	FIND	125	
Q		ALL UNPACK (IS, 18, X	ONIL	126	
•		F (INDEX.ST.0) 30 10 1	GNIA	127	
٠,		F (KATELIER) GI TRIFLE)	CNIL	128	
417			CZIL	129	
٠.		1) c	
٦ ((727	
V	1 < 0	THAMIAI (M) MICHA		131	
2		F (TYPE,EQ.1	FIND	132	
	ပ		FIND	133	
	ပ	F THIS ITEM WAS AN ADDED CONTAINER, ASSIGN IT IN THE CR LIST	INSTFIND	134	
	ပ	THE FLTA MAT	FIND	135	
	ပ		FIND	136	
3		ALL UNPACK (IF,1	FIND	137	
3		F (IF.EQ.3) GO TO	FIND	138	
M		B=18	FIND	139	
M		F (DIRECT.EQ.2) NB=2	FIND	140	
441		ACK (NFLT,9,CR	ONIL	141	
4		0 TO 14	FIND	142	
	ပ		FIND	143	
	ပ	ITEM NOT ADDED CONTAINER, ADD IT TO THE FLIA MATRIX.	FIND	144	
	ပ		FIND	145	
ŧ	130	3	FIND	146	
す		ALL PACK (IS,	FIND	147	
S		ALL PACK (NFLT,9,	FIND	148	
455		RECT-1	FIND	149	
S		ALL PACK (ID,1,X,25	FIND	150	
9		F (TYPE.NE.3) CAL	FIND	151	
9		ASS=NASS+	FIND	152	
7		F (NASS.GE.I	FIND	153	
~		LTA(1,NASS)=X	FIND	154	
/		LTA (2, NASS)=	FIND	155	
	ပ		FIND	156	
	υc	DELETE ITEM FROM WORKING STORAGE AND ADJUST OTHER SUMS AND VAR	IABLFIND	157 158	
C		OF CO TO YOURTAND		7 7 7	
20 S	†	CT 0-0	4 1-4	153 160	
•					

			1		
0		0 TO 160	-	161	
N	150	S(1, INDEX) = MS(1, ITEM	Z ~	Ö	
2		S(2, INDEX) = MS(2, IT	FIND	163	
2		OL (INDEX) = VOL (IT	FIND		
~	•	TEMS=ITEMS+	FIND	165	
2	•	MODE (MODE) = NMODE (M	FIND	166	
3	160	CAP=V3AP-WI*FACTOR(UIRE)	FIND	167	
3		F (TYPE.EQ.3) SO TO 17	Н	168	
537) 180,	FIND	169	
4	/	OCC (DIRECT) = NOCC (DIREC	\vdash	~	
Ŧ	180	ONTINUE	\vdash	171	
4		F (MODE.EQ.2) CALL PACK (KVEH,6	\vdash		
S		W(DIRECT,NFLT)=TW(DIRECT,NFLT)+	FIND	1	
S		F (TYPE.EQ.1) MANNED=MANNED+DIRECT	FIND	~	
9		LEFT(MODE,TYPE,DIRECT)=WLEFT(MODE,TYPE,DIRECT)-W	\vdash	1	
9		F (WLEFI(MODE, TYPE, DIRECT).LT.TRIFLE) WLEF	FIND	~	
7		VOL (DIRECT) =RVOL (DIRECT) -VOLUME	FIND	7	
	ပ		FIND		
	CAD	JUSTMENTS FOR ITEMS MAKING MANDATORY ROUND TRIP ON THIS VEHICLE	FIND	~	
			FIND	œ	
0		F (JRT.EQ.0) GO TO 19	FIND	8	
0		CAP=VCAP-(WT+CW) *FA	FIND	8	
507		+CM+M	FIND	œ	
74		VOL (2) =RVOL (2)	FIND	184	
**		F (ISD.EQ.1) LIMOCCC	FIND	185	
┥		03C(2)=NOCC(2)+	FIND	186	
7		F (TYPE, EQ. 1) M	GNIL	œ	
~		ALL PACK (1,1,X,25	FIND	188	
3		ASS=NASS+1	FIND	189	
3		LTA(1,NASS)=	FIND	190	
M		LTA(2, NASS)	FIND	191	
3		F (TYPE, EQ. 1	FIND	9	
4	190	BUNITNO	FIND		
	ပ		FIND		
3		F (TYPE.NE	FIND		
4		CAP=CCAP-WT	FIND		
Ŧ		F (MOJE.NE.2) CO(DIRECT,ICT) = CD(DIRECT,ICT) - W	H	ტ	
924		CD2(DIRECT, ICT) = CD2 (DIRECT, ICT	FIND	198	
9		IF (CD(DIRECT, ICT).LT.TRIFLE) CD(DIRECT, ICT) = 0.	H 1		
	CIF	RT OF A BULK ITEM HAS BEEN SELECTED	FIND	200	

	C DEF	REMAINDER AS REGULAR (MODE 3)	FIND	0
9		F ((INDEX.ST.0).0R.(MODE.EQ.3)) GO TO	Z	\circ
~		1940	ONIA	0
0		ALL PACK (3,2,WSC	FIND	0
4		MODE(2)=NMODE(2)-	FIND	0
4		MODE (3) = NMODE (3) +	FIND	0
4		O(DIRECT, ICT) = CD(DIRECT, ICT) + WS(2,	FIND	0
~		D2(OIRECT, ICT) = CD2(OIRECT, ICT)-WS	FIND	0
721		LEFT (2,2,DIRECT) =WLEFT (2,2,DIRECT) =	FIND	0
2		LEFT(3,2,DIRECT)=WLEFT(3,2,DIRECT)+W	FIND	4
~	200	ONTINO	FIND	+4
	ပ		FIND	-
	ပ	IF SPACE PERMITS, SCHEDULE RETURN OF EMPTY CONTAINER ON THIS FI	IGHFIND	
	ပ		FIND	+4
2		F (FLAG) 210,240,21	FIND	₩
725	7	F (TBCONT(8,ICT))	FIND	
M	220	ONTINUE	FIND	4
M		-	FIND	44
M		F (DIRECT.EQ.	FIND	₩
M		F (NOCC(K) . GE. LIMOCC(K)) GO TO 23	FIND	2
		F ((CW*FACTOR(K)).GT.VCAP) GO TO	FIND	2
#		F (VOLUME, GT. RVOL(K)) GO T	FIND	2
	ပ	CHEDULE CONTAINER ROUND TRIP	FIND	2
4		8=18	FIND	2
Ŧ		F (K.EQ.2) NB=2	ONIL	2
Ŋ		ALL PACK (NFLT,	NINO	2
761		CAP=VCAP-CW*FACTOR(K)	PIND	\sim
9		M(K, NFLT) = TW(K,	FIND	\sim
Q		VOL(K)=RVOL(K)	FIND	2
9		OCC (K) = NOCC (K)	FIND	M
7		0 10 240	FIND	M
	ပ	EFER RETURN OF EMPTY CONTAINER TO	FIND	M
	ပ	O WS MATRIX AS A DISCRETE CARGO ITE	PINO	M
~	230	=.j	FIND	M
~		ALL PACK (1,1	ONIL	M
		ALL PACK (ICT, 4, X	FIND	3
O		ALL PACK (NCR, 1	FIND	M
0		11	Z	M
700		EQ.1)	DNIF	239
0		ALL PACK (K,2,X,30	Z	4

4"		XXCX XXXX I W	2	3	
015		CALL PACK (3,2, X, 34)	FIN		
~		TEMS=ITEMS-1	Z	ŧ	
2		F (ITEMS.LE	FIND	す	
3		S(1, ITEMS) = X	FIND	t	
M		S(2, ITEMS) =C	FIND	4	
M	•	OL (ITEMS) =TBCONT (6	FIND	t	
M		LEFT (3,3,K) = WLEFT (3,	FIND	4	
3		MODE(3)=NMODE(3)+1	FIND	4	
	ပ		FIND	S	
. #	240	DOTINOE	FIND	S	
4		EFT=MAXI-ITEM	FIND	S	
4		F ((VCAP.LT.CUTOFF).	PIND	S	
5		F (LEFT.LE.0) JOONE=1	FIND	S	
9		F (INDEX.EQ.0) NCALL=NCALL+	FIND	\mathcal{L}	
190		F (NCALL, GT. LIMCAL) GO TO 28	FIND	S	
~		F ((INDEX, EQ, 0), OR, (NPRI, NE, 1)) 50 TO 25	FIND	S	
/		RINT 294, MODE, TYPE, DIRECT, MCT, ICT, MCBULK, IS, INDEX, NFLT, ITEM	u	S	
		S. FLAS. NMODE. WI. VOLUME. CW. RVOL. CCAP. VCAP. WILIM, NCR, MANNED, NOCC. L	ı	r	
		CO. VOONE TOHO	FIND	9	
9	250	CONTINUE	FIND	9	
165		N. Y.	FIND	9	
	ပ		FING	Ø	
	ပ	格特特特特特特特特特特特特特特特特特特特特特特特特特特特特特特特特特特特特	*FIND	9	
	ပ		FIND	9	
	S		FIND	Q	
	ပ	ERROR STOP	FIND	Q	
	S		FIND	Q	
Φ	260	RI	FIND	9	
0		100	FIND	~	
206	270	RI	FIND	1	
\sim		T0P	FIND	~	
~	280	RINT 330, NCALL	ONIL	7	
		PRINT 340, MODE, TYPE, DIRECT, M	FIND	274	
		CAP, VCAP, WTLIM, NCR, EXP, MANNED	┥		
		RINT 350, (CD(1,J),CD(2,J),CD2(1,J),CD2(2,J),J=1,NC	Z H	~	
326		RINT 360, (((I,),K,MLEFT(I,),K),K=1,2),J=1,3),	H	1	
9		10	Z	~ 1	
	ပ		Z	_	
	ပ		FIND	80	

C 290	FIND 28 ORMAT (11H0FIND, MODEI2,5X,4HTYPEI2,5X,6HDIRECTI2,5X,3HMCTI2,5X,3FIND 28	881
•	TI2,5x,6HMCBULKI2,5x,2HISI5,5x,5HINDEXI5/7x,4HNFLTI3,5x,5HITEMSFIND 28	
	IS,5X,4HNASSI4,5X,4HFLASF4.0,5X,5HNMODE3I5/7X,2HWTF9.1,4X,6HVOLUMEFIND 28	
	F5.1,4x,2HCWF8.1,4X,4HRVOL2F7.1,4X,4HCCAPF8.1,5X,4HVCAPF10.1/7X,5HFIND 28	
	WILIMF10.1,5x,3HNCRI3,5x,6HMANNEDI2,5x,4HNOGC2I3,5x,6HLIMOCC2I5,5XFIND 28	
	,54VDONEF3.0/7X,4HMCHGI2)	
300	FORMAT (36H6ASINER FOUND CONTAINER NAMED, 2A6, 25HHAS INADEQUATE CAFIND 28	
	ACITY (,F10.1,11H). VEHICLE ,2A6,6H, LEG ,2A6)	
310	FORMAT (57HDTOO MANY CONTAINERS REQUISITIONED BY ASINER FOR VEHICLFIND 29	
	,2A5,7HON LES ,2A6,10H. LIMIT IS,I5/10X,15HOUTSREW GR LIST) FIND 29	
320	ORMAT (43H0TOO MANY CARGO ITEMS IN ASINER ON VEHICLE ,2A6,6H, LEGFIND 29	
	,246,10H. LIMIT IS,15) FIND 29	
330	MAT (60HOCARGO ASINER IS APPARENTLY IN AN INFINITE LOOP, HAVINGFIND 29	
	MADE, 14,34H CONSECUTIVE UNSUCCESSFUL CALLS TO/16H SUBROUTINE FINDFIND 29	
	FIND 29	
340	ORMAT (SHOMODEIZ,5X,4HTYPEIZ,5X,6HDIRECTIZ,5X,3HMCTI3,5X,6HMCBULKFIND 29	
	I2,5X,4HNFLTI3,5X,5HITEMSI5,5X,4HNASSI4/6H NMODE3I5,5X,4HRVOL2F8,2FIND 29	
	,5x,4HCCAPF10.1,5X,4HVCAPF10.1,5X,5HWTLIMF10.1/4H NCRI3,5X,4HEXP=AFIND 29	
	MANNEDI2) FIND 30	
S	ORMAT (/5x,9HCD MATRIX,16x,10HCD2 MATRIX/(2F10.1,5x2F10.1)) FIND 30	
360	ORMAT (34H0MODE TYPE DIRECT WLEFT(M,T,D)/(I4,16,17,F15.1)) FIND 30	
	ND SO FIND 30	

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L ABEL 110
                                                                                                                                                                                                                              LABEL111
                                                                                                                                                                                                                                                      LABEL 112
                                                                                                                                                                                                                                                                            L ABEL 113
                                                                                                                                                                                                                                                                                                L ABEL 114
                                                                                                                                                                                                                                                                                                                         LABEL115
                                                                                                                                                                                                                                                                                                                                               LABEL 116
                                                                                                                                                                                                                                                                                                                                                                                           /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IRELDTLABEL 118
                                                                                                                                                                                                                                                                                                                                                                                                                  /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, LABEL 119
                                                                                                                                                                                                                                                                                                                                                                                                                                        ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JLABEL120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LABEL 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LABEL 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LABEL 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LABEL 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LABEL 134
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                                                                                                                                                                                                                                                                                                                                                                     LABEL 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LABEL 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LABEL 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LABEL 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LABEL 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          L ABEL 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CCLABEL 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                              PFLAS, NAFAC, NOSF, NOSC, ICNT, L2WOT, I77, J77, KOPT (10), MAXCSN, IPLTP, MAXSLABEL 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WED230
                                                                                                                                                                                  LABEL 1
                                                                  /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH (5, 31), NPREF, VPRELABEL 1
                                                                                         LABEL1
                                                                                                             LABEL
                                                                                                                                                           LABEL1
                                                                                                                                     LABELI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                EQJIVA_ENCE (OFFLOD, KOPT(1)), (BASE, KOPT(2)), (SINDEP, KOPT(3)),
                                                                                                                                                                                                         PNAME (3,63), NPROG, MNAME (3,63), NMISS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LALVEH, <OPT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6))
                                                                                                                                                                                                                                                      NDD 3, NWODB, NBDOB, NLDDB, MDDB, NBLK
                                                                                                                                                                                                                                                                                                                          FIBL/ MIBL, NIBL, NIBLI, NIBLZ, NFIBL (200)
                                           /LEGS/ NLEG, NLGMAX, TBLEG(12, 63), LASTLG
                                                                                                               /SPDS/ NSP0,NBSP0,NLSP0,18SP0(3,20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EQUIVALENCE (DD3(1), D8(1), ID08(1), ID8(1))
                                                                                                                                                                                                                              LNGTH, NWMISS, NBMISS, NLMISS
                    COMMON /CONT/ NCONT, NCIMAX, TBCONT(8, 20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CALL TRAFIC(MAXVEH, DO3(NLMISS+L18UC+1))
                                                                                                                                     NFAC, NWFAC, NBFAC, NLFAC
                                                                                                                                                                                                                                                                                                                                                                       MAXS/ MAXA, MAXC, MAXF, MAXI
                                                                                                                                                           NOE, NWCE, NBCE, NLCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DIMENSION 08(1); IDD8(1); IDB(1)
                                                                                                                                                                                                                                                                            'IVA/ MIVA'NIVA'IVA(250)
                                                                                                                                                                                                                                                                                                 MIFA, NIFA, IFA (600)
                                                                                                                                                                                  LCE, LFAC
                                                                                         F(20), VOVEH, VEH(30)
SUBROUTINE SEG22
                                                                                                                                                                                                                                                                                                                                                /KEL/ KEL
                                                                                                                                                                                                                                /WISS/
                                                                                                                                                                                  / CCLF/
                                                                                                                                       /FACS/
                                                                                                                                                           /CRGS/
                                                                                                                                                                                                         /PROG/
                                                                                                                                                                                                                                                       10088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INTEGER FYEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMMON DDB(1)
                                                                                                                                                                                                                                                                                                  IFA/
                                            COMMOD
                                                                    COMMOD
                                                                                                                COMMON
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                                                                                                                                                                                   COMMON
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SUBROUTINE REPORT	REPORT 2
OMMON /CONT/ NCONT, NCTMAX, T BCONT(8,	ABEL 1
OMMON /LEGS/ NLEG,NLGMAX,TBLEG(12,63),LASTLG	ABEL 1
IVEH, NAVEH, NBV EH, NLVEH, NVHMAX	PRELABEL 1
(20), VOVEH, VEH(30)	ABEL 1
OMMON /SPDS/ NSPD,NBSPD,NLSPD	BEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	ABEL 1
OMMON /CRGS/ NCE, NWCE, NBCE, NLC	ABEL 1
OMMON /LCLF/ LCE, LFAC	ABEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL 11
OMMON /MISS/ LNGTH, NAMISS, NBMISS, NLMIS	ABEL 11
OMMON /DDBS/ NDDB,NWDDB,NBDDB,NLDDB,MD	ABEL 11
OMMON /IVA/ MIVA,NIVA,IVA(25	ABEL11
OMMON /IFA/ MIFA, NIFA, IFA (6)	ABEL 11
OMMON /FIBL/ MIBL, NIBL, NIBL	ABEL 11
OMMON JKELZ KE	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	LABEL11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IRE	OTLABEL 11
OMMON /MISG/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPR	P, LABEL 11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW,	JLABEL 12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAX(XSLABEL 12
PR, L1WOT, L1BUC, LIML	0230
	ABEL 12
INTEGER FYEAR	ABEL12
	ABEL 12
COMMON DDB(1)	BEL 12
	ABEL 12
DIMENSION DB(1), IDDB(1), IOB(1)	ABEL 12
	ABEL 12
ENCE (009(1),08(1),1008(1),108(1))	LABEL 13
EGULVALENUE (OFFLOD)AUFILLI) (OAGESAUFILZ), (SANDEP)A	0
LVEH, KUPIKAJ, (GONIRE, KUPIKAJ), (ICAP, KUPIKA)	LABEL 132
	ABEL 13
	EPORT
	EPORT
CALL TABLES	ORT
	PORT
IF ((IFLAG(1)+IFLAG(2)).EQ.0) GO TO 20	EPORT

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REPORT10
                        REPORT12
                                                 REPORT14
                                                              REPORT15
                                                                           REPORT16
                                                                                                                 REPORT19
                                                                                                                                                                                  REPORT24
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                                     REPORT13
                                                                                                    REPORT18
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                                                                                                                                                                                                                                                                                      REPORT32
           REPORT11
                                                                                                                             REPORT20
                                                                                                                                                                                                                                                                          REPORT31
                                                                                        REPORT17
                                                                                                                                          REPORT21
                                                                                                                                                                                                                        REPORT27
                                                                                                                             IF ((JFLAG+IFLAG(4)), EQ.0) GO TO
                                                              IF (IFLAS(2).EQ.1) CALL CNTRPT
                                                                                       IF (IFLAG(3) . EQ. 1) CALL FACRPT
                                                                                                                                                      IF (MAXVEH.ST.100) MAXVEH=100
Call Seg36
                                                                                                                                                                                                                                                 0
                      IF (IFLAG(1).EQ.0) GO TO 10
                                                                                                                                                                                                                                                  60 TO
                                                                                                                                          MAXVEH= (LOWCOR-NBDDB) /32
                                                                                                                                                                               IF (JFLAG.EQ.3) GO TO 40
                                                                                                   JFLAG=IFLAS(5)+IFLAS(6)
                                                                                                                                                                                                                        (IFLAG(5).EQ.0)
                                                                                                                                                                                                                                               IF (IFLAG(6),EQ.3)
                                                                                                                                                                                                                                   CALL VEHRPT
                                                                                                                                                                                                                                                            CALL CSTRPT
           CALL SE332
                                                                                                                                                                                                          CALL SES32
                                     CALL SEG33
                                                                           CONTINUE
                                                 CONTINUE
                                                                                                                                                                                                                                                                          RETURN
                                                                                                                                                                                             KEL=2
KEL=1
                                                                                                                                                                                                                       L.
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	TINE MOREL2	MOREL 2
	DAMON ACONIA NCONIANA IBCONICA, 200	ABEL1
	OMMON /LEGS/ NLEG,NLGMAX,TBLEG(12,63),LASTLG	LABEL 1
	OMMON /VEHS/ NVEH,NWVEH,NBVEH,NLVEH,NVHMAX,	PRELABEL1
	(20), NOVEH, VEH (30)	BEL1
	OMMON /SPDS/ NSPD, NBSPD, NLSPD,T	BEL1
	OMITON JEACS, NEAC, NWEAC, NBFAC, NLFAC	ABEL 1
	OMMON /CRGS/ NCE, NWCE, NBCE, NLCE	ABEL1
	OMMON /LCLF/ LCE, LFA	11
	OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL 11
	OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	ABEL 11
	OMMON /DDBS/ NDDB,NWDDB,NBDDB	ABEL 11
	OMMON /IVA/ MIVA, NIVA, IVA	BEL11
	OMMON /IFA/ MIFA,NIFA,IFA(600)	ABEL 11
	OMMON /FIBL/ MIBL, NIBL, NIBL	ABEL 11
	OMMON /KEL/ KE	ABEL11
	OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	BEL11
	OMMOW /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, I	JTL ABEL 11
	OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, J	P, LABEL11
	ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL,	JLABEL 12
	LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAXC	AXSLABEL 12
	PR, LIWOT, LIBUC	ED230
		ABEL 12
	INTEGER FYEAR	ABEL 12
		ABEL 12
	COMMON DOB(1)	ABEL 12
		ABEL 12
	DIMENSION DB(1), IDDB(1), IDB(1)	BEL 12
		ABEL 12
	QJIVALENCE (008(1), 03(1), 1008(1), 108(1))	ABEL 13
	(1)), (BASE,KOP KOPT(5)), (TCAB	(CLABEL 131
		ABEL 13
		BEL 13
	003=N3LK*510/NW00	OREL 2
	F (LDDB.ST.	OREL
	009=M008-L009 : 008-NW008*: 008	OREL 2
	10 I=N8008, LOWCOR	REL 2
c)	= (I) 60	J

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MOREL 210 MOREL 211 MOREL 212 MOREL 214 MOREL 215 MOREL 216 MOREL 216

II=510

DO 20 I=NBODB,NLDDB,II

J=I-1

JJ=NLDDB-J

KK=MIN3(II,JJ)

READ (L2WOT) (DDB(J+K),K=1,KK)

CONTINJE

RETURN
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SUBBOLITINE CNIRPI	NTRPT
	NTRPT
DMMON /CONT/ NGONT, NGTMAX, TBCONT(8, 20)	BEL 1
OMMON /LESS/ NLES,NLSMAX,TBLES(12,63),LASTLS	ABEL 1
COMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH(5, 31), NPREF, VPRE	LABEL
(20),NOVEH,VEH(30)	ABEL 1
OMMON /SPDS/ NSPD,NBSPD,NLSPD,TBSPD(3,20)	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	ABEL 1
OHMON /CRGS/ NCE,NWCE,NBCE,NLCE	ABEL 1
OMMON /LCLF/ LCE,LFAC	ABEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3,63),NMISS	ABEL 11
OMMON /MISS/ LNGIH, NWMISS, NBAISS, NLMISS	ABEL 11
OMMON /DDBS/ NDD3,NWDD8,NBDD3,NLDD8,MDD8,NBLK	9EL 11
OMMON /IVA/ MIVA,NIVA,IVA(250)	ABEL 11
OMMON ZIFAZ MIFA,NIFA,IFA(600)	ABEL11
OMMON /FTBL/ MTBL,NTBL,NTBL1,NTBL2,NFTBL(200)	ABEL 11
DAMON /KEL/ KEL	ABEL 11
OMMON /MAXS/ MAXA, MAXE, MAXE, MAXI	ABEL11
DMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IRELDT	LABEL 11
OMMON /MISC/ IFLAG(20),LOMCOR,JERR,CARD(16),LINE(33),IPROP,JPROP,	LABEL 11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, J	LABEL12
LAG,NAFAC,NOSF,NOSC,ICNT,L2WOT,I77,J77,KOPT(13),MAXCGN,IPLTP,MAXS	LABEL 12
PR,L1WOT,L1BUG,LIML1	E0230
	ABEL 12
INTEGER FYEAR	ABEL 12
	ABELIZ
COMMON DDB(1)	ABEL 12
	ABEL 12
DIMENSION 08(1), I008(1), I08(1)	ABEL 12
ANTICODE APPOSON APPOSON HOND APPEND	8EL 12
UB(I))IUUB(I))IUB(I)) KOPI(I)), (BASE,KOPI(2)), (SINNEP,KOPI(3)), (C	ABEL 13
LVEH, KOPI(4)), (CONTRE, KOPI(5)), (ICAP, KOPI(6))	ABEL 13
	ABEL 13
	ABEL 13
	SDATZ
COMMON /ASDAT/ FLTAC(30,31), VTOT(30,33), TOT(33)	SOATS
	SDATZ
INTEGER FLIAC	SDATZ
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CNTRPT10
                                                                           CNTRP 112
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                                                                                                                                                                                                       CNTRPT22
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                                                                                       CNTRPT13
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                                                               CNTRPT11
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                                                                                                                                                                                                                                                                                                                        CNTRPT31
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CNTRPT41
            CNTRPT
                        CNTRPT
                                     CNTRPT
            BY YEAR
CARSO ELEMENT MATCHINS FIRST CONTAINER
FIRST LES WITH THAT CARGO ELEMENT AND ACCUMULATE
                                                  IS NONE, ACCUMULATE FOR TOTALS
                        OF THE CARGO ELEMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EAD (L2WOT) (UDB(K1+K), K=1,KK)
                                                                                                                                                                                                                                                                      210, (NTYRS(I), I=1,NYRS)
                                                                                                                                                                                                                                                                                                                                                                                                   PRINT 220, DOB(LL),DOB(LL+1)
                                                                                                                                                                                                                                                                                                             30,190,30
                                                                                       REPEAT FOR ALL CONTAINERS
                                                                                                                                                      20,10,20
                                                                                                                                                                                                                                  CALL PACK (66,12,IFAWD,0)
                                                                                                                                                                                                                                                                                                                                                  CALL PACK (I,12,IFAWD,12)
                                                 IF THE SUCCESSOR LES
                                                              REPEAT FOR ALL LEGS
                                                                                                                                                                                                                                                                                                                                                                                        LL=(I-1)*NWCE+NBCE
                                                                                                                 INTEGER TBLEG, TOT
                                                                                                                                                                                                                                                                                                            IF (TBCONT(7,J))
                                                                                                                                                      IF (T330NT(7,I))
                                                                                                                                          DO 10 I=1,NCTMAX
                                                                                                                                                                                                                                                                                                DO 193 J=1, NCONT
                                                                                                                                                                                                                                                                                                                                                              00 40 N=1,NYRS3
                         THE COUNT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KK=MIND(II, JJ)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JJ=NL3D8-IA+1
                                                                           PRINT TOTALS
                                                                                                                                                                                                                                                                                                                                                                                                                            REWIND L2WOT
                                     PRINT LINE
                                                                                                                                                                                                                                                                                                                                      I=J+I13CN1
                                                                                                                                                                                                                                                                                                                                                                                                                                                      K1=N8038-1
                                                                                                                                                                                                                                                          PRINT 200
                                                                                                                                                                                                                                                                                                                        CONTINUE
                                                                                                                                                                                                                                                                                                                                                                           TOT (N) = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8C08N=V1
                                                                                                                                                                  CONTINJE
                                                                                                                                                                                           CONTINUE
                                                                                                                                                                                                                    IFAWD=0
                                                                                                                                                                                                                                                                                                                                                                                                                 IPASS=0
                                                                                                                                                                               RETURN
                                                                                                                                                                                                                                                                                                                                                                                                                                         II=510
                                                                                                                                                                                                                                                                      PRINT
           FIND
FIND
                                                                                                                                                                                            20
                                                                                                                                                                                                                                                                                                                         33
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AATGGTNO	_	CNTRPT48	CNTRPT50																															NTRPTB	CNTRPT82	0	NTRPTB	
		BEGINNING OF LOOP TO PROCESS ONE CONTAINER FOR ALL LEGS.	UNIINO	ALL JNPACK (ILEG,6,008	F (IPASS.EQ.3) GO TO 14	F (ILEG.EQ.JLEG) GO TO	F (LINE(3).LE.0) 30 TO 110	RINI 240, (LINE(N), N=1,	ALL UNPACK (NDEX,12,00	F (NDEX.EQ.0) GO TO 1	0 100 N=4,NYRS3	F (LINE(N).L	1=FYEAR+N-	ALL PACK	1=LINE (N) /6	F (N1.LE.D) GO TO	ALL PACK (63,6,1FAM	0.80 NN=1,	IFA=NIFA+1	FA (NI FA) =	ONTINUE	1=LINE(N)-63	F (N1.LE.0) GO TO 1	ALL PACK (IFA=NIFA+1	IFA (NIFA) =	CONTING	CONTINUE	F (T3LEG(3,)	0 120 N=3,NYRS3	TO1 (N) = 101 (N	IF (L.5T. (K1	JLE3=ILE	PASS=2	TBLEG(1,JL	INE(Z) = 18LEG(Z, JLE 0 17, N=7, NSBC7	O TOG NEOPNIKO	1 727 327
-	ပ	<i>ن</i> د	9				7.0														80						100	4			\sim	130	J				ر ر	0
10	J		~	~	8	M	3	\sim	ŧ	4	4	3	S	S	9	9	9	/	0	0	0	0	0	4	-	↤	-4	2	2	2	3	M	Ŧ	4	247	ט ו	ν α	0
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ALL JNPACK (ICE,12,098(L+1),24) CNT=ICE-ITBGNT F ((ICNT.6T.3).AND.(ICNT.LE.NCONT)) TBCONT(7,ICNT)=1.0 F (ICE.NE.I) GO TO 170 ALL UNPACK (IDIR,1,098(L),32) F (IJR.NE.G) GO TO 170	ALL UNPACK (IYR,6,008(L),12) =IYR-FYEAR+4 INE(M)=LINE(M)+1 INE(3)=LINE(3)+1	008 LT.(K1+KK)) GO TO 60 •EQ.JJ) GO TO 70 II •LE.NLDJB) GO TO 50	F (TOT(3).6T.0) PRINT 230, (TOT(N),N=3,NYRS3) ONTIAUE ETURN	60 FORMAT (1H1,45%,18H CONTAINER SUMMARY) 10 FORMAT (1H ,77,19X,5HTOTAL,2X,20I4/26X,10I4) 20 FORMAT (1H0,A6,A4) 30 FORMAT (19H ONES LEAVING EARTH,15,2X,20I4/26X,10I4) 40 FORMAT (1H ,4X,A6,A4,4X,I5,2X,20I4/26X,10I4) END
9 / / 0 0 +	4 4 4 6 6	33333333333333333333333333333333333333	a u	354

SUBROUTINE FACRPT	FACRPT 2 FACRPT 3
OMMON /CONI/ NCONT, NCIMAX, TBCONT(8,	ABEL 1
OMMON /LESS/ NLES,NLSMAX,TBLES(12,63),LA	BEL 1
NVEH, NWVEH, NBVEH, NLVEH, NVHMAX,	ABEL 1
(20), NOVEH, VEH (30)	ABEL 1
OMMON /SPOS/ NSPO,NBSPO,NLSPO	BEL 1
OMION /FACS/ NFAC, NWFAC, NBFAC, NLFAC	8EL 1
OMMON /CRGS/ NCE,NWCE,NBCE,NLC	BEL 1
OMMON /LCLF/ LCE, LFAG	BEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	BEL 11
OMMON LMISSY LNGTH, NUMBISS, NBMISS, NLM	BEL11
OMMON /DDBS/ NDDB,NWDDB,NBDDB,NLDDB,MD	ABEL 11
OMMON /IVA/ MIVA,NIVA,IVA(250)	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(600)	ABEL 11
OMMON /FIBL/ MIBL, NIBL, NIBL	ABEL 11
OMMON /KEL/ KEL	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAX	ABEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLD ATE,	RELOTLABEL11
OMMON /MISC/ IFLAG(23), LOWGOR, JERR, CARD(16), LINE(33), IPROP,	PROP, LABEL 11
ITBGNT, PROPUP, NVMAX, NEWLES, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NMPL	WPL, JLABEL12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, 177, J77, KOPT (10), MAXCGN, IPLT	, MAXSLABEL 12
PR, LIWOT, LIBUC, LIML	ED230
	ABEL 12
INT GGER FYEAR	ABEL 12
	ABEL 12
COMMON DDB(1)	ABEL12
	ABEL 12
DIMENSION DB(1), IDD3(1), IDB(1)	ABEL 12
	8EL 12
008(1),08(1),1008(1),108(1))	LABEL13
EQUIVALENCE (OFFLOD, KOPI(1)), (BASE, KOPI(2)),	ABEL 13
LVEH, KOFI(43), (GONIKE, KOFI(3)), (ICAF, KOFI(6)	ABEL 13
	ABEL 13
	ABEL 13
	ACRPT
REAL A(33)	ACRPT
EAL 3(3	- 1
	ACRPT
EQUIVALENCE (A(1), LINE(1))	ACRPT

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9.0) RETURN 33 (NTYRS(I), I=1,NYRS) 1) GO TO 60 (PNAME(I,NP), I=1,3) (MAME(I,NP), I=1,3) (ANAME(I,NP), I=1,3) (A	IF (NIFA.EQ.0) RETURN DO 1G I=3,33 B(I)=0 PRINT 90, (NTYRS(I),I=1,NYRS) JF=1 IF (JF.ED.1) GO TO 60 PRINT 100, (PNAME(I,NP),I=1,3) NCL=NCEP NHC=NP OALL FQCNUM (A,JF) B(I)=8(I)+A(I) IF (JF.TNIFA) DO 50 I=3,33 B(I)=8(I)+A(I) IF (JF.TNIFA) DO 50 I=3,33 B(I)=8(I)+A(I) IF (JF.TNIFA) IF (JF.TNIFA) OALL UNPACK (NP,6);FA(JF),0) CALL UNPACK (NCEP):15,FA(JF),6) CALL UNPACK (NCEP):15,FA(JF),12) IF (NF.N.E.NPL) GO TO 20 IF (NF.N.E.NPL) GO TO 30 IF (NF.N.E	IF (NIFA.EQ.0) RETURN DO 1G I=3,33 B(I)=0 PRINT 90, (NIVRS(I),I=1,NYRS) JF=1 JF (JF.ED.1) GO TO 60 PRINT 11G, (MNAME(I,NP),I=1,3) NGELNCEP NOELLNCEP NNL-NP CALL FACNUM (A,JF) PRINT 12G, (A(I),I=1,NYRS3) B(I)=3,33 B(I)=3(I)+4(I) JF (JF.ED.1) SO 50 I=3,33 B(I)=3(I)+4(I) JF (JF.ED.1) JF (JF.ED.	F ACRP 110	ACR	ACR	ACRP T1	ACRPT1	ACRP T1	ACRP T1	ACRP T1	ACRPT1	ACRP T1	ACRP T2	ACRPT2	ACRPT2	ACRPT2	ACRPT2	ACRPT2	ACRPT2	ACRPT2	ACRPT2	ACRPT2	ACRPT3	ACRPT3	ACRP 13	ACRPT3	ACRPT3	ACRPT3	ACRPT3	ACRPT3	ACRPT3	ACRPT	ACRPT4	FACRPT4	SHTOTAL, FACRPT4	ACRP 14	RP T4	- LO C C C C C C C C C C C C C C C C C C	T ACAT 40
a.0) RETURN 33 (NITYRS(I), I=1,NYRS) (PNAME(I,NP), I=1,3) (A(I), I=1,NYRS3) 33 A(I) (A(I), I=1,NYRS3) (A(I), I=1,NYRS3) (A(I), I=1,NYRS3) (A(I), I=1,NYRS3) (B(I), I=3,NYRS3) (A(I), I=3,NYRS3) (B(I), I=3,NYRS3) (B(I), I=3,NYRS3) (B(I), I=3,NYRS3) (B(I), I=3,NYRS3) (B(I), I=3,NYRS3) (B(I), I=3,NYRS3)	IF (NIFA.EQ.0) RETURN DO 16 I=3,33 B(I)=0 PRINT 90, (NTYRS(I), I=1,NYRS) JF=1 IF (JF.ED.1) GO TO 60 PRINT 100, (PNAME(I,NP), I=1,3) NCEL=NCEP NML=NM NML 120, (A(I), I=1,NYRS3) EALL JNPACK (NP,6,1FA(JF),0) CALL JNPACK (NP,6,1FA(JF),0) CALL JNPACK (NM,6,1FA(JF),0) CALL JNPACK (NM,6,1FA(JF),12) IF (JF.EQ.1) 50 TO 20 IF (JF.EQ.1) 50 TO 20 IF (NP.NE.NPL) GO TO 20 IF (NM.NE.NPL) GO TO 20 IF (NM.NE.NPL) GO TO 30 IF (NM.NE.NPL) GO TO 40 CONTINUE PRINT 80, (B(I),I=3,NYRS3) RETURN ISSONT (111,35X,33HDISCRETE PAYLO ISSONT (1X,3A6) FORMAT (1X,3A6) FORMAT (5X,3A6) FORMAT (5X,3A6) FORMAT (9X,A6,A4,FII.1),15F6.1/30X	IF (NIFA.EQ.0) RETURN DO 16 I=3,33 B(I)=0 PRINT 90, (NTYRS(I), I=1,NYRS) JF=1 IF (JF.ED.1) GO TO 60 PRINT 100, (PNAME(I,NP), I=1,3) PRINT 110, (MNAME(I,NP), I=1,3) PRINT 120, (A(I), I=1,NYRS3) DO 50 I=3,33 B(I)=8(I)+A(I) PRINT 120, (A(I), I=1,NYRS3) DO 50 I=3,33 B(I)=8(I)+A(I) CALL UNPACK (NCEP,1E,1FA(JF),0) CALL UNPACK (NCEP,1E,1FA(JF),6) CALL UNPACK (NCEP,1E,2) IF (JF.ST.NIFA) 30 TO 20 IF (JF.ST.NIFA) 50 TO 20 IF (NP.NE.NPL) GO TO 20 IF (NP.NE.NPL) GO TO 20 IF (NP.NE.NPL) GO TO 40 CONTINUE PRINT 80, (B(I),1=3,NYRS3) RETURN FORMAT (141,35X,334DISCRETE PAYLO 11516/36X,1516) FORMAT (1X,346) FORMAT (5X,346)																																15F6.1/30X,15F6.1)	DS SCHEDULE REPORT//25			L L	υ Τ
4 " 5 W5-W 75 W6 6 6 W776 W6 6 6 6 6 6 6 6 6 6 6 6 6	TO T	THE CONTRIBUTED TO THE CONTRIBUT		40.0		3,3		, (NIYRS(I), I=1, NYR		0.1) GO TO 6	0. (PNAME(I.NP).I=1.	THE CENT HE WAS CONTRACTED TO	را م			NUM CA	0, (A(I), I=1, NYRS	3,33	I) + 4 (I	T.NIFA) 50 TO 7	ACK (NP, 6, IFA()	ACK (NM, 6, IFA(JF),	ACK (NCEP, 12, IFA(JF), 1	Q.1) 30 TO 2	E.NPL) 60 TO 2	E.NML) GO TO 3	.NE.NCEL) GO TO 4		, (B(I), I=3, NYRS					16HDTOTAL DISCRETES, F14.1	1H1,35X,33HDISCRETE PAYLO	,1516)	1X,3A6	5X 9 X 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9X, A6, A4, F11.1, 1, 15F6.1/3UX

٠	SUBROUTINE FACHUM (A,JF)	ပပ
	OMMON /CONI/ NCONT, NCTMAX, TBCONT(8,	ABEL 1
	OMMON /LEGS/ NLEG, NLGMAX, TBLEG(12,63), LASTL	8EL 1
	NVEH, NWVEH, NBVEH, NLVEH, NVHMAX	LABEL 1
	(23), NOVEH, VEH (30)	ABEL 1
	OMMON /SPOS/ NSPO,NBSPO,NLSPO	ABEL 1
	OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	ABEL 1
•	OMMON. /CRSS/ NCE,NWCE,NBCE,NL	BEL 1
	DMMON /LCLF/ LGE, LFA	ABEL 1
	OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL11
	OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMI	BEL 11
	OMMON /DDBS/ NDDB,NWDDB,NBDDB,NLDDB,MD	BEL 11
	OMMON /IVA/ MIVA,NIVA,IVA(250	ABEL 11
	OMMON /IFA/ MIFA, NIFA, IFA (60	ABEL11
	OMMON /FTBL/ MT3L,NT3L,NT3L	ABEL 11
	OMMON /KEL/ KEL	ABEL 11
	OMMON /MAXS/ MAXA, MAXC, MAXF, MAX	ABEL 11
	OMMON /YEAR/ FYZAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IRELD	LABEL 11
	OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP,	LABEL 11
	ITBCNI, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, J	LABEL 12
	LAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, I77, J77, KOPT (10), MAXCGN, IPLTP, MAXS	LABEL 12
	PR,L1WOT,L1BUC,LIML1	ED230
		ABEL 12
	INTEGER FYEAR	ABEL 12
		ABEL 12
	COMMON DDB(1)	ABEL 12
		ABEL 12
	DIMENSION D8(1), IDD8(1), ID8(1)	ABEL 12
		BEL 12
	QUIVALENCE (DD8(1), D8(1), IDD8(1), ID8(1))	LABEL13
	CONTRE KOPI(S)). (ICAP-KOPI(6))	LABEL13
		ABFL 13
		ABEL 13
	I MENSION A	ACNUM
	0 13 I=1,33	ACNUM
		ACNUM
	ONT	AC
	i IN)	N N

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CALL UNPACK (N,12,IFA(JF),12) ICE=N3SE+(N-1)*NWCE+5 CALL UNPACK (IFAC,12,008(ICE),0) M=N8FAC+(IFAC-1)*NWFAC A(1)=038(M) A(2)=038(M+1)	CALL UNPACK (NPMCE,24,IFA(JF),0) IF (JF,EQ,1) NPMCEL=NPMCE	(NPACE.N	CALL JNPACK (NYR, 6, IFA(JF), 24)	LL DNPACK	L = NYR = FYEAR+4	A(L)=A(L)+FLOAT(NCNT)	T+47 =41	GO TO 20	00 45 I=4,NYRS3	3)=A	CONTINUE	NPMCEL = NPMCE	RETURN	END
	5.0								30		5 4			
33 34 34 34 36	4 4 4 4	51	53	61	99	7.0	73	75	75		103			

FACNUM12 FACNUM13 FACNUM14 FACNUM15 FACNUM16 FACNUM18

FACNUM19 FACNUM20 FACNUM21 FACNUM24 FACNUM25

FACNUM26

FACNUM22 FACNUM23 FACNUM27 FACNUM28 FACNUM29 FACNUM30

FACNUM10 FACNUM11

SUBROUTINE VEHRPT	EHRPT EHRPT
OMMON /CONT/ NCONT, NCTMAX, TBCONT(8, 20)	ABEL 1
OM:40H /LEGS/ NLEG,NLGMAX, TBLEG(12,63), LASTLG	ABEL 1
COMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH (5, 31), NPREF, VPREL	ABEL 1
(20), NOVEH, VEH (30)	ABEL 1
OBMON YNTUSY NOTO,NBSTU,NTSTU,NTSTU,NTSTUS,NST OBMON YEACS/ NEAC,NEEDC,NBFAC,NFFAC	BEL 1
OMMON /ORGS/ NCE, NWCE, NBCE, NLCE	ABEL 1
CE, LFAC	ABEL 1
ORMON / PROGN PRAME(8,63),NPRON,MRAME(8,63),NMISS	ABEL 11 ABFI 11
OMMON /ODBS/ NODB,NWDDB,NBDDB,NCDB,MDDB,NBLK	ABEL 11
OMMOW /IVA/ MIVA, NIVA, IVA(250)	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(600)	A BEL 11
OMMON /FTBL/ MTBL,NTBL,NTBLZ,NFTBL(200)	ABEL 11
OMMON /KEL/ KEL Ommon /www.c. www. www. www.	ABEL 11
ORMON KAAXSK MAXAJMAXCJMAXI Omnon kataol reseas incres ness nessa nessa nessa nessa sidaini	A DEL 11
ORMON /ICAK/ FICAK, LTCAK, NTKS, NTKSI, NTKSS, NTTKSISU, JKLDATC, IKCLDIL ORMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, L	ABEL 11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JL	ABEL 12
LAG,NAFAC,NOSF,NOSC,ICNT,LZWOT,I77,J77,KOPT(10),MAXCSN,IPLIP,MAXSL	ABEL 12 Fn230
	ABEL 12
INTEGER FYEAR	ABEL 12
	ABEL12
COMMON DD3(1)	ABEL 12
OIMENSION 98(1), IO08(1), IO3(1)	ABEL 12
	ABEL 12
3(1), IOOB(1), IOB(1)) OPI(1)), (RASE, KOPI(2)), (SINDEP, KOPI(3)), (CI	ABEL 13 Abei 13
LVEH, KOPT(4)), (CONTRE, KOPT(5)), (ICAP, KOPT(6))	ABEL 13
	ABEL 13
	ABEL 15
COMMON /ASDAT/ FLTAC(30,31), VTOT(30,33), TOT(33)	SDA
A CATIN CHOLINA	SDATZ
	SDAT2

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VEHRPT19
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                                                   VEHRPT10
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                                                                VEHRPT11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              VEHRPT41
/EHRPT
            /EHRPT
                          PHRPT
                                      VEHRPT
                                       EQUIVALENCE (VUATA(1), LINE(1)), (VTOT(1,1), IVTOT(1,1))
                                                                                                                                                                                                                                                                (PNAME (J, IPRO), J=1,3)
                                                                                                                                                                                                                                                                             (MNAME (U, IMIS), J=1,3
                                                                                                                                                                                                                                                                                                       IF (IFLAG(5).NE.2) PRINT 210, (VOATA(I),I=1,NYRS3)
                                                                                                                                                                                                  IF (IFLAS(5).NE.2) PRINT 183, (NTYRS(I),I=1,NYRS)
                                                                                                                                                                                                                                                                                         CALL VEHLOF (VDATA, NB, NL, IPRO, IMIS, IVEH, IFLS)
              DIMENSION VDATA(33), IVTOT (30,33)
                                                                                                                                                                                                                                                                                                                                              2
                                                                                                                                                                                                                                        (IVEH, 6, DDB(NB), 12)
                                                                                                                                                                                                                                                                                                                                                         09
                                                                                                                                                                                                                                                                             PRINT 200,
                                                                                                                                                                                                              CALL JNPACK (IPRO,6,DUB(NB),0)
                                                                                                                                                                                                                          (FMIS, 6, DOB(NB), 6)
                                                                                                                                                                                                                                                                IF (IFLAG(5), NE. 2) PRINT 198,
                                                                                                                                                                                                                                                                                                                                                                                                                                       VTOT (NV, K) = VTOT (NV, K) + VDATA(K)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         VIDT(I,K)=VIOT(I,K)+VDATA(K)
                                                                                                                                                                                                                                                                                                                                              (LINE(1) NETITOT (I)1))
                                                                                                                                                                                                                                                                                                                                                           IF (LINE(2), EQ. IVIOT(1,2))
                                                                                                                                                                                                                                                   50 TO (70,60,50), IFLS
                                                                                                                                                                                                                                                                                                                   (NV. EQ. 0) GO TO 90
                                                                                                                                                                                                                                                                                                                                                                                                VTOT (NV,1)=VDATA(1)
                                                                                                                                                                                                                                                                                                                                                                                                             VTOT (NV, 2) = VDATA(2)
                                                                                                                                                                                                                                                                             IF (IFLAG(5) .NE.2)
                                                                                                                                              DO 10 I=1,NVHMAX
                                                                                                                                                                                                                                                                                                                                                                                                                          DO 100 K=3,33
                                                                                                                                                                       V TOT (I, J) = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              00 12u K=3,33
                                                                                                                                                          DO 10 J=1,33
                                                                                                                                                                                                                                                                                                                                80 I=1,NV
                                                                                           REVIND LEWOT
                                                                                                                                                                                                                                        CALL UNPACK
                                                                                                                                                                                                                          CALL UNPACK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NB=NL+NMDDB
                                                                                                                    CALL MORELZ
                                                                                                                                1+8008N=8N
                                                                                                        MODS=NOOB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GO TO 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CONTINUE
                                                                                                                                                                                    CONTINCE
                                                                                                                                                                                                                                                                                                                                                                      BUNITADE
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CONTINUE
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130
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VEHRPT46 VEHRPT469 VEHRPT50 VEHRPT50 VEHRPT51 VEHRPT51 VEHRPT53	VEHRPTS VEHRPTS VEHRPTS VEHRPT6 VEHRPT6 VEHRPT6 VEHRPT6 VEHRPT6 VEHRPT6 VEHRPT7	VEHRPT78 VEHRPT79
(S)	1,NYRS) TO 170 BVEH(2,I),(FLTAC(I,J),J=1,NYRS1) CLE UTILIZATION REPORT//25X,5HTOTAL,15 15F6.1/30X,15F6.1) CLE FLISHT SUMMARY REPORT//25X,5HTOTAL CLE ACQUISITION SUMMARY REPORT,/14H0	
<pre>IF (N3.LT.NLDDB) 30 T0 140 IF (MDDB.EQ.0) G0 T0 150 CALL MOREL2 N3=NBDD3+1 CONTINJE G0 T0 (40,30,20), IFLG PRINT 220, (NTYRS(I),I=1,NYRS) D0 16J I=1,NV PRINT 210, (VTOT(I,J),J=1,NYRS CONTINJE</pre>	S(I), I= 2.0) GO (1, I), I 26HVEHI 29HVEHI 34HVEHI	ORMAT (1H , A ND
140 150 160		rv .
200 200 200 200 200 200 200 200 200 200	245 253 261 362 312 312	312

	UBROUTINE VEHLOF (VDATA, NB, NL, IPRO, IM	F O
	OMMOW /CONT/ NCONT, NCTMAX, TBCONT(8,	8EL 1
	OMMON /LEGS/ NLEG, NLGMAX, TBLEG(12,6	EL 1
	ONMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX,	EL ABEL 1
	(20), 404EH, VEH(30)	LABEL 1
	COMMON /SPDS/ NSPD,NBSPD,NLSPD,TBSP	BEL 1
	OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	BEL 1
	NWCE, NBCE, NLCE	LABEL1 8
	OMMON /LCLF/ LCE, LFAC	BEL 1
	OMMON /PROG/ PNAME(3,63), NPROG, MNAME(3	BEL 11
	DAMOA /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	ABEL 11
	OMMON /DOBS/ NDDB,NWDDB,NBDDB,NLDDB,M	BEL11
	OMMON /IVA/ MIVA,NIVA,IVA(250	BEL 11
	OMMON /IFA/ MIFA,NIFA,IFA(600)	ABEL 11
	OMMON /FIBL/ MIBL, NIBL	ABEL 11
•	OMMON /KEL/ K	BEL 11
	OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	B EL 11
	OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IREL	TLABEL 11
	OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP	, LABEL11
	ITBONT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL,	JLABEL 12
	LAS, NAFAC, NOSF, NOSC, ICNT, L2WOT, 177, J77, KOPT (10), MAXCGN, IPLTP, MAX	SLABEL 12
	PR, LIWOT, LIBUG, LIML1	0230
ပ		BEL12
	INTEGER FYEAR	ABEL 12
ပ		BEL 12
•	COMMON DUB(1)	ABEL 12
ပ		BEL 12
	DIMENSION DB(1), IDDB(1), IDB(1)	ABEL 12
ပ		BEL 12
	ALENCE (008(1),08(1),1008(1),108(1))	LABEL 13
	EQUIVALENCE (OFFLOD, KOPT(1)), (BASE, KOPT(2)), (SINDEP, KOPT(3)),	ABEL 13
	LVEH,KOPT(4)), (CONTRE,KOPT(5)), (I	LABEL 132
، د		77104
ပ	NO FUNDATION OF	BEL13 HIOF
	D 13 T=1.44	EHLDE
	DATACT	EHLDF
	•	EHLDF
20	ONILNO	HLDF
	0 30 I	HLDF

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VEHLDF12
                                                      VEHLDF15
                                                                 VEHLDF16
                                                                                                  VEHLDF19
                                                                                                                                   VEHLDF22
                                                                                                                                               VEHLDF23
                                                                                                                                                         VEHLOF24
                                                                                                                                                                    VEHLDF25
                                                                                                                                                                              VEHLDF26
                                                                                                                                                                                                     VEHLDF28
                                                                                                                                                                                                                VEHLDF29
                                                                                                                                                                                                                           VEHLDF30
                                                                                                                                                                                                                                                VEHLDF32
                                                                                                                                                                                                                                                                                   VEHLDF35
                                                                                                                                                                                                                                                                                             VEHLDF36
                                                                                                                                                                                                                                                                                                                   VEHLOF38
VEHLOF10
          VEHLDF11
                                VEHLDF13
                                           VEHLDF14
                                                                            VEHLDF17
                                                                                       VEHLOF18
                                                                                                             VEHLDF20
                                                                                                                        VEHLOF21
                                                                                                                                                                                          VEHLOF27
                                                                                                                                                                                                                                                           VEHLDF33
                                                                                                                                                                                                                                                                        VEHLOF34
                                                                                                                                                                                                                                                                                                        VEHLDF37
                                                                                                                                                                                                                                                                                                                              VEHLOF39
                                                                                                                                                                                                                                      VEHLDF31
                                                                                        CALL UNPACK (LDF,18,008(I+1),0
                                                                                                   CALL JYPACK (IYR,6,008(I-1),12)
                     CALL UNPACK (IV,6,008(I),12)
         (IM, 6,008(I),6)
 (IP,6,008(I),0)
                                                                                                                                                                                                                                                                                                         VDATA(3)=VDATA(3)+VDATA(I)
                                           GO TO 50
                                IF (IP.NE.IPRO) GO TO 40
                                                      IF (IV.NE.IVEH) GO TO 60
                                                                  VD&TA(1)=TBVEH(1,IVEH)
                                                                            VDATA(2)=TBVEH(2,IVEH)
                                                                                                                                               VDATA(L)=VDATA(L)+FACT
                                                                                                                         FACT = FACT / 103033.
                                           IF (IM.NE.IMIS)
                                                                                                                                                                               IF (MD)8.EQ.0)
                                                                                                                                    L=IYR-FYEAR+4
                                                                                                                                                                                                                                                                                               DO 80 I=4,33
          CALL UNPACK
 UNPACK
                                                                                                                                                                                          CALL MOREL2
                                                                                                                                                                                                                                                                                    NCHI-INSOR
                                                                                                                                                                                                       1+8C08N=8N
                                                                                                                                                                     I =NL DDB+2
                                                                                                              FACT=LDF
                                                                                                                                                         BUNITAGO
                                                                                                                                                                                                                 GO TO 20
                                                                                                                                                                                                                                                                                                                     HONITAGE
                                                                                                                                                                                                                                                             GO TO 70
                                                                                                                                                                                                                                       GO TO 70
                                                                                                                                                                                                                                                                         IFLG=1
                                                                                                                                                                                                                           IFLG=3
                                                                                                                                                                                                                                                  IFLG=2
                                                                                                                                                                                                                                                                                                                                RETURN
                                                                                                                                                                                                                                                                                                                                           END
                                                                                                                                                           30
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SUBROUTINE TABLES	
A TINOUS TAXABLE TAXABLE AND A TINOUS NOW FOR	1 L C
OTHOR YOURS MODEL WINDSHIP POLON YOUR ON AND DEMON YER WAS A THE POLY OF THE AND	AFI 1
EH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH (5, 3	9EL1
(20), NOVEH, VEH(30)	LABEL1
OMMON /SPDS/ NSPD,NBSPD,NLSPD,	BEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	BEL 1
OMMON /CRGS/ NCE,NWCE,NBCE,NLC	LABEL1 8
OMMON /LCLF/ LCE, LFA	BEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL11
DAMON /MISS/ LNGTH, NHMISS, NBMISS, NLM	ABEL 11
OMMON /ODBS/ NDOB,NWODB,NBODB,NLODB,MD	4
OMMON /IVA/ MIVA,NIVA,IVA(25	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(630)	ABEL 11
OMMON /FIBL/ MIBL,NIBL,NIBL	ABEL11
OMMON /KEL/ KI	ABEL11
DAMON /MAXS/ MAXA, MAXC, MAXE,	BEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30),	re, IRELOT LABEL11
OMMON /MISC/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33)	IPROP, JPROP, LABEL 11
ITBCNT, PROPUP, NVMAX, NEWLES, VEH1, VEH2, MAXVEH, NR, NFW, NL	, NWPL, MWPL, JLABEL 12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAXC	N, IPLTP, MAXSLABEL 12
PR, L1WJT, L1BUC, LIML	E0230
	ABEL 12
INTEGER FYEAR	ABEL 12
	ABEL 12
COMMON DDB(1)	BEL12
	ABEL 12
DIMENSION D8(1), IDD8(1), ID8(1)	ABEL 12
	NI
,US(1),IUUB(1),IUB(1)) 7001(1),	85L13
GOIVALENCE TOTTEOUPTOTION & TOMOEDANOTICENS TOINDER	CANAL AND
	ABEL 13
	BEL 13
	BLES
(NIVA	ABLES
R=JERR+1	ABLES
PRINT 340, NIVA, MIVA	ABLES
N I W = t	S

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				FAC,NLFAC,NBOOB,NL				·
,		•	•	N B ISS			EF)	
				TH, NWC ET	•		=1,NPRE	
				H, NVEH	-1,LIM		EF(I), I , NCONT)	S P D)
				NLVE NLMI	I, (I		(VPR , J=1) L = 1 , N.
				S M S	(I), IVA(02 6	NPREF, [=1,8)	=1,3)
	TO 20	10 36			3L)] , IFA	TO 13	330, (1,1), I,1),I	δυ Κ, ι), Κ
	FA) GO A,MIFA	60 3L		NLSF F,NCE	IFA, NT: 0 TO 4:	3) 30 6(I),	PRINT TACONT	3 S P = -
	H H H			NBSPD NBSPD GCE,NLCE	NIVA,NIF/ Q.0) GO 1	7).EQ	, (1, (T), (T), (T), (T), (T), (T), (T), (T)	G) T A PD PD 1.0
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ABLES52
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                                          FABLES54
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                                                                                                                        FABLES61
                                                                                                                                                                                                                           FABLES70
                                                                                                                                                                                                                                                                                                        TABLES77
                                                                                                                                                                                                                                                                                                                                          (I, (PNAME (J,I), J=1,3),I=1,NPROS)
                                                                                                                                                                                                                                                                                                                                                     (I, (MNAME(J,I), J=1,3), I=1,NMISS)
                                           200, (J,(TBVEH(I,J),I=1,5),J=1,NVEH)
                                                                            CALL UNPACK (IBVEH,18,T3VEH(3,I),18)
                                                                                       CALL UNPACK (IMVEH, 18, TBVEH(3, I), 0)
                                                                                                            PRINT 220, I,(008(J),J=I8VEH,ILVEH)
                                                                                                                                                                                          PRINT 230, I, (JD3 (J+K), K=1, NWFAC)
                                                                                                                                                                                                                                                                                                         PRINT 240, I, (DD3(J+K), K=1, NWCE)
PRINT 170, (008(K),K=NB,NL)
                                                                                                                                                                                                                                       PRINT DARGO ELEMENT TABLE
                                                                                                                                              IF (NFAC. EQ. u) GO TO 100
                               IF (NVEH.EQ.0) 30 TO 30
                                                                                                                                                                                                                                                             IF (NGE.EQ.0) GO TO
                                                                                                  ILVEH=IBVEH+IWVEH-1
                                                                 I=1,NVEH
                                                                                                                                                                                                                                                                                              00 113 I=1,NCE
                                                                                                                                                                               DO 90 I=1,NFAC
                                                                                                                                                                                                                                                                                                                                                                                                             IFLAG(10)=0
                                                                                                                                                                                                                                                                                                                                          PRINT 270,
                                                                                                                                                                                                                                                                                                                                                      280,
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                                                      210
                                                                                                                                                          PRINT 300
                                                                                                                                                                                                      DHIMMIAC
                                                                                                                                                                                                                                                                        PRINT 310
                                                                                                                                                                     U=43FAC-1
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                                                                                                                         CONTINUE
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         CONTINUE
                     CONTINUE
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                                           PRINT
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	O		ABLE	
	14[DOMAT (14H1TABLES REPORT//7H NBSPO 16,5x,6HNLSPO 16,5x,5HNSPO	TABLE	
		ZH NOVIH IS,5X,54NLVEH I6,5X,5HNVEH I5,5X,6HNWVEH I3/7H	5 TABLE	
		X,6841LFAC I6,5X,5HYFAC I5,8X,6HNWFAC I3/74 NBGE I6,5X,6HNLGE	, TARLE	
		X, FHUST IS, EX, SHNWOT IS/ZH NAMISSI6, 5X, 64 NLMISSI6, 5X, 54 LNGTH	TABLE	
		5x,6444411S913/74 47018 16,5X,644L008 16,5X,54ND08 15,5X,64N40	3 TABLE	
			ABLE	۲٦
	ľ	ORMAT (1943SPREA) TA	ABLE	\Box
	S	OPMAT (1245SPSCA) NATA	ABLE	ာ
	/	ORIGE (14 ,2F4,5,12F8,4/(14 ,3X,12F8,4)	ABLE	0
	136	ORMAT (224000NTALMER FARE-TACONT/(15,5%,A5,A4,10%,6F10.1	43LE	Ü
	4	OPMAT (18HOLEG TABLE-FBLES/(IS, FX, AS, A4, 18X, A5, A4, F1	ARLE	\Box
		, F11: 7, FF. 1, 3×, 01.2))	A3LE	\mathbf{r}
	200	FORMAT (28HSVEHICLE FARLE-TBVEH//(15,5x,A6,A4,10x,012,10x,012,10	AGLE	C
			ABLE	
	12 14 13	OTMAT (13H8VSHICLE DATAZ)	ABLE	Ö
	2	FORMAT (1H , I4,5X,45,44,10X,7F11.1/1H ,29X,7F10.1/53(1H ,19X,46,	Val E	-
		3-13-1-11)	ARLE	-
	₽~	OPMAT (1H , I4,5×,16,10×,16×,16×,6F10,1)	ABLE	¥
	245	ORMAT (1H ,14,5%,AS,A4,13%,3AS,4%,O12,2F10.1,F10.3)	Aale	+
	\mathcal{D}	ORMAT (SHE I,15X,8 HWFTRL(I),13X,64IFA(I),14X,64IVA(I)//(I5,13	AALE	-4
		12,84.012,8X,012)	ABLE	-
	\mathcal{L}	OPM4T (1H1)	ABLE	-4
	1	OPMAT (19420005 (AM NAME TABLEZZZES, 5X, 3A6	APLE	-4
	α;	OPMAT (19HOMISSION JAME TARLEZZ (15,5X,3A6)	ABLE	+-4
	σ	OPMAT (8H IFLAG =,1016/8X,1016	ABLE	
	C	ORMAT (14HUFACILITY DATA/)	ABLE	S
		ORMAT (28HOCAPSO SLEMENT	AALE	S
	C	OPMAT (GHEOPTIONS ,2015)	ARLE	2
	336	OPHAT (146,15,35H EVIZIES IN VEHIOLE PREFERENCE LIST/(6(5x,012)	ABLE	S
	t	OSMAT (4CHO*** IVA TARLE HAS OVERFLOWED *** NIVA=14,5H MIVA=1	ABLE	S
	L)	ORMAT (46H0*** IFA TABLE HAS OVERFLOWED *** NIFA=14,6H MIFA=14,	ABLE	Ň
	Ç	ORMAT 140H3*** FIGL TABLE HAS OVERFLOWED *** NIBL=14,6H MIBL=I	ASLE	Ň
rζ		Z	ABLE	Ċ

SUBROUTINE SEG32	SEG32 2
C STROOT SANTON THOON STROOT HOMEO	100V
OBMON VEGNIX NEGNIȚNETHANȚIBCONICAȚES	מבר ז
VEHS/ NVEH NWVEH NBVEH NVHMA	ABEL 1
(20), NOVEH, VEH(30)	LABEL 1
OMMON /SPDS/ NSPD, NBSPD, NLSPD, TBS	ABEL1
OMMON YFACS/ NFAC, NWFAC, NBFAC, NLFAC	BEU1
OMMON /CRGS/ NCE,NWCE,NBCE,NLC	ABEL 1
OMMON /LCLF/ LCE,LFAC	ABEL1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL 11
OMMON /MISS/ LNGTH, NUMISS, NBMISS, NLMI	ABEL 11
OMMON /UDBS/ NUDB,NWDDB,NBDDB,NLDDB,MD	BEL11
OMMON /IVA/ MIVA,NIVA,IVA(250	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(600)	ABEL 11
OMMON /FIBL/ MTBL,NTBL,NTBL	ABEL 11
OMMON /KEL/ KEL	A 3EL 11
OMMON /MAXS/ MAXA, MAXC, MAXF,	ABEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NIYRS (30), RLDATE, IR	LOTLABEL 11
OMMON /MISC/ IFLAG(23), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JP	OP, LABEL 11
ITBUNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, M	L, JLABEL 12
LAS, NAFAC, NOSF, NOSC, ICNT, L2MOT, I77, J77, KOPT (10), MAXCGN, IPLTP,	AXSLABEL 12
PR, LIWOT, LIBUC, LIML	E0230
	ABEL 12
INTEGER FYEAR	12
	ABEL12
COMMON JOB(1)	ABEL 12
	ABEL 12
DIMENSION DB(1), IDDB(1), IDB(1)	ABEL 12
	8EL 12
QUIVALENCE (DUB(1),UB(1),IUUB(1),IUB(1))	LABEL 13
COUNTRE KORT(S); (10ACE) COUNTRE KORT(S);	ABEL 13
	ABEL 12
	8FL 13
COMMON /ASDAT/ A(1530)	EG32
	£632
EWIND LEWOT	EG32
LE=(LOWCOR-N30J8-519)/510	SEG32
F (NFILE.GE.S) CALL 1ERG	E 3 3 2

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SEG32
SEG32
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SEG32
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SEG32
SEG32
1DD3+518),NFILE)
IF (NFILE-LT.3) CALL MERGE (L2WOT,NDD3,NWDDB,KEL,DDB(NBDDB),A,3)
REWIND L2WOT
DO 10 I=NBDDB,LOWCOR
ID3(I)=0
                                                              RETURN
                                                                            END
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RECORDS.	1 LU (ım.
TAPE = NUMBER OF TAP	12 C	J U
R I NUMBER OF ROWS	2 K G	9
ELT = NUMBER OF COL	ERG	7
	ER3	∞
COMMON /SRIMOD/ MODE	ERG	σ
	MERG	10
INTEGER MBUFF(1), FILE (518,1), P(4,10), TDAT(2,4), OUT, OUTAPE, COL	S, FLOMERG	
3.T	13 C	
NOTIACT INITIAL	יו טער	
01-27-14	ERG B	12
LE1=NFILE-	ERG	16
LE2=NFIL	ERG	17
H=510	r.RG	18
APE:	ERG	19
SEX	ERG	20
AS II.	ERG	21
大円 H	ERS	22
NCPR=LNTH/NROWS	ERG	23
XIINDRA NROM		24
- (, , , , , , , ,)) (() () (
12,	ERG BRG	27
DAT (1,3)=	ERG	28
DAT (1,4)=IN	ERG	59
DAT (2, 4) = NCOLS	ERS	30
EWIND INTAP	ERG	31
	MERG	32
START FLOW CONTROL. READ 16 RECORDS AND MERGE ONTO FIRST SCRATCH	90	33
) () P
LAIIIU IA2 II O	ה א ה ה	36
_!!	ERG	37
V	ER3	38
0 ₩ =:1	ERG	39
-	ERG	7

	C NEXT	ACTION DEPENDS ON HOW MANY RECORDS ARE LEFT ON INPUT TAPE.	MERGE 4	(4,17)
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	10	R MORE RECORDS LEFT. AT LEAST 2 M		
	CMERS	E 10 RECORDS ONTO SECOND SCRATCH TA		
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	20	NT N		
		N2=		
		UT.		
		READENFIL		.~
		Z)		
		LOW=2		٠
2.0		30 TO 50		
	ပ		MERGE	, ,
	C STAR	T ITERATIVE PROCEDURE. TWO SCRATCH TAPES ALREADY CONTAIN SOME DA		'''
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+		UT=4	MERGE 7	
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	80C 0	REQUIRES MORE THAN ONE ADDITIONAL MERGE.	MERGE &	

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                                                                                                                                                                            TAPE WHEN NCOLS
                                                                                                                                                     NREAD = MAXIMUM NUMBER OF RECORDS TO READ FROM INPUT TAPE.
                                                                                                                                          PROCEDURE TO MERGE RECORDS FROM INPUT AND/OR SCRATCH TAPE.
                                                                                                                                                                  IN1, IN2 = INUICES OF INPUT SCRATCH TAPES, IF NONZERO.
                                                                    IF (NCJLS.LE. (NFILE1 *NCPR)) NREAD=NFILE2
                                                                                                                                                                            OUT = INDEX OF OUTPUT TAPE. TAKEN AS INPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                READ (ITAPE) (FILE(J,ICOL),J=1,NWORDS)
                                                                                                                                                                                                                                                                                                              80
                                                                                                                                                                                                                                                                                                            IF (IN)EX.LE.3), GO TO
                                                                                                                                                                                                                                                              C READ FROM SCRATCH TAPES
C
           IN1=1
                                                                                                                                                                                                                                                                                                                        ITAPE=IDAT(1,INDEX)
                                  0UT=1
                                                                                                                                                                                                                                                                                                                                               IF (N.LE.0') GO TO
                                                                                                                                                                                                                                                                                                                                                                                                                                             P(2,ICOL)=NWORDS
                                                                                                                                                                                                                                                                                                                                    N=TDAT(2, INDEX)
                                                                                                                                                                                                                                                                                                                                                                                   P(1,ICOL)=ITAPE
          IF (IN1.5T.3)
                                                                                                                                                                                                                                                                                                                                                                                                                      NWORDS=M*NROWS
                                 IF (001.61.3)
                                                                                                                                                                                                                                                                                                                                                                                                          MEMIND (N, NCPR)
                                                                                                                                                                                                                                                                                                                                                                                              P(3, ICOL) = KEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                         P(4,ICDL)=N-M
                                                                                                                                                                                                                                                                                                                                                           REWIND ITAPE
                                                         NREAD=NFILE1
                                                                                                                                                                                                                           DO 70 J=1,10
                                                                                                                                                                                                                                                                                                 00 8J I=1,2
                                                                                                                                                                                                                                                                                                                                                                       ICOL=ICOI
                                                                                                                                                                                                                00 73 I=1,4
                      0UT=0UT+1
IN1=IN1+1
                                                                                                                                                                                                                                                                                      INDEX-IN1
                                                                                            GO TO 50
                                                                                                                                                                                                                                       C = (C, I) = 0
                                                                                 FLOW=3
                                                                                                                                                                                                     D=JCOI
                                             1N2=0
                                                                                                                                          0000
          116
                                             125
                                                         126
                      121
                                 122
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MERGE123
                                                                                      MERGE 129
                       MERGE 124
                                     MERGE 125
                                                 MERSE126
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                                                                                                                                                    MERSE134
                                                                                                                                                                MERGE 135
                                                                                                                                                                             YERGE136
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                                                                                                                                                                                                                                                                   MERGE143
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                                                                                                                                                                                                                                                                                                        MERSE146
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                                                                                                                                                                                                                                                                                                                                                                                                                                   MERGE156
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                                                              MERGE 127
                                                                                                               MERGE131
                                                                                                                            MERGE 132
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                                                                                                                                                                                                                                                       MERSE142
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                                                                                                                                                                                                                                                                                                                                                                                  MERGE 152
                                                                                                                                                                                                                                                                                                                                                                                              MERGE153
                                                                                                                                                                                                                                                                                                                                                                                                          MERGE 154
                                                                                                                                                                                                                                                                                                                                                                                                                                               MERGE 157
                                                                                                                                                                                                                                                                                                                                                                      MERGE151
                                                                                                                                                                                                                                                                                BUFFERS PLUS ANY REMAINING ON INDICATED SCRATCH
                                                                                                                                                                                                                                                                                                                                 CALL SORT (FILE(1, ICOL), NROWS, NT, KEL)
                       IF ((N?EAD.Le.0).0R. (NCOLS.LE.0)) GO TO 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOAT (2, OUT) = TOAT (2, OUT) + NWORDS/NROWS
                                                                                                                                                                                         READ (INTAPE) (FILE(J, ICOL), J=J1,J2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WRITE (OUTAPE) (FILE(J,1), J=J1,J2)
IF (P(4,ICOL).LE.0) P(1,ICOL)=0
                                                                                                                                                                                                    P(2,ICOL)=NWORDS+P(2,ICOL)
                                                                                                                                                                                                                                           GO TO 100
                                                 RESORDS FROM INPUT TAPE
                                                                                                                                                                                                                                                                                                                                                                                                            G0 T0 120
                                                                                                                                                                                                                                                                                                                                                                                                                                    NWORDS#MIND(NWPR,P(2,1))
                                                                                                                                                                                                                                                                                                                                             IF (NCOLS.LE.0) OUT=4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               P(2,1)=P(2,1)-NWORDS
                                                                                                                            N=MING (NOPR, NOOLS)
                                                                                                                                                                                                                                                                                                                                                         OJIAPE=TOAT (1,0UT)
                                                                                                                                                                                                                                          IF (NCOLS.LE.3)
                                                                                                                                                                                                                                                                                                                              IF (NREAD.GT.0)
                                                                                                               DO 90 I=1,NREAD
                                                                                                                                                                                                                                                                               C MERGE DATA IN FILE
                                                                                                                                                                                                                                                                                                                                                                                                           IF (COLS.GT.1)
                                                                                                                                        NEORON IN NORON
                                                                                                                                                                                                                              NCOLS=VCOLS-N
                                                                                                                                                                                                                 P(3,ICOL)=KEL
                                                                                                                                                                                                                                                                                                                                                                      TDAT (2,0UT) = J
                                                                                                                                                                                                                                                                                                                                                                                  REWIND OUTAPE
                                                                                                                                                                 J2=J2+NWORUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                             J2=J2+VWORDS
                                                                           ICOL=130L+1
            INDEX=IN2
                                                                                                                                                                                                                                                                                                                    COLS=ICOL
                                                                                                                                                                                                                                                      CONTINUE
                                                                                                                                                                             フナトとコレス
                                                                                                                                                      J1 = J2 + 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                J1= J2+1
                                                                                      0=L2
                                                                                                                                                                                                                                                                                                                                                                                                                        J2= 0
                                                                                                    J2=3
                                                                                                                                                                                                                                                                                                                                                                                               MP=0
                                                                                                                                                                                                                                                                                            TAPES.
                                                 READ
                                                                                                                                                                                                                                                                                                                    100
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441	ć	IF (P(2,1)) 230,203,110	R3E16
	C SEA	RCH FOR COLUMN IN WHICH ELEMENT INDICATED BY POINTER IS SMALLEST.	ושונ
			R 3E16
Ŧ	120	WIN"	RGE 16
J		0 149 ICOL	RGE 16
S		P=P(3,ICOL)	RGE 16
S		F (P(2, ICOL)	R3E16
S		F (IMIN.LE.0) GO TO 13	RGE17
9		W=FILE(IP,IGOL)	RGE 17
9		F ((IA.LT.U).AND.(MINWD.	RGE 17
1		F (IA.GE.MINWD)	RSE17
0	130	MIN=ICOL	RGE 17
0		INMOLF	RGE 17
502	140	CONTINUE	RGE 17
4		F (IMI	RSE17
	ပ		RGE17
	C AUD	DATA WITH SMALLEST ELEMENT INTO	RGE17
	H	FFER IS FULL, WRITE CONTENTS TO OUTPUT TAP	RGE 18
	ပ		R3E18
-		=P(3,I	RGE 18
7		0 153 I=1,NRO	RGE 18
S	-	d₩≡d	RGE 18
~		= J+1	R3E18
~	150	BUFF (MP) = FILE (J, IMI	RGE 18
M		F (MP.LT.NWPR) GO	RGE 18
541		OUTAPE) (MBUFF(RGE 18
S		DAT(2,0UT)=TUAT(2,0UT)+NC	RSE18
9		D=0	RGE 19
			RGE 19
	ပ	IF FILE COLUMN WAS EXHAUSTED AND, IF SO, WHETHER IT CAN	RGE 19
	A E	ENISHED. CAN 3E REPLENISHED IF SOURCE WAS A SCRATCH TAPE (N	RSE19
	I	INPUT TAPE) AND STILL HAS DATA LEFT ON IT.	ERGE 19
		LE COLUMN CANNOT BE REPLE	GE 19
œ	, t	(3. TMTN) =P(3.	ERSE19
~)	F (P(3,IMIN),LE,P(2,IMI	ERGE 19
0		F (P(1,IMIN).LE.0) GO TO 17	ERGE 19
663		9(P(4,IMIN),NCP	MERGE200 Merge201
-		r (N. F. B. U. S. O. L.	

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MERGE202
MERSE203
                        MERGE 204
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                                                                                                                                                                                                            MERSE218
                                                                                                                                                                                                                          MERGE 219
                                                                                                                   MERGE 211
                                                                                                                                             BUFFER IF NECESSARY.
                         READ (ITAPE) (FILE(J,IMIN),J=1,NWORDS)
                                                                                                                                           C MERGE PROCEDURE IS FINISHED. FLUSH MERGE
C WHEN NOOLS HAS BEEN REDUCED TO ZERO, JOB
                                                                                                                                                                                              WRITE (OUTAPE) (MBUFF(J),J=1,MP)
TDAT(2,OUT)=TDAT(2,OUT)+MP/NROWS
                                                                                                                                                                                    IF (MP.LE.0) GO TO 200
                                                                                                                                                                                                                                       IF (NGOLS.LE.0) RETURN
                                                               N-(NIWI') -D(TXI') -N
                                      P(2,IMIN)=NWORDS
 ITAPE=P(1,IMIN)
            NMOYD*N=SONOMN
                                                   P(3, IMIN) = KEL
                                                                                         DO 180 J=1,4
                                                                                                      P(J, IMIN) = 0
                                                                             GO TO 120
                                                                                                                                                                                                                          CONTINUE
                                                                                                                                                                                                                                                                END
                                                                                                       180
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	SEG33	1633 2
	OMMON /LEGS/ NLFG.NLGMAX.TBLFG(12.63).LASTLG	BEL 1
	OMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH(5, 31), NPREF, VPREL	BEL 1
	(20), NOVEH, VEH(30)	9EL 1
	OMMON /SPOS/ NSPO,NASPO,NLSPO,TBSPO(3,20)	BEL 1
	OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	BEL 1
	OMMON /CRSS/ NCE, NWCE, NBCE, NLCE	BEL 1
,	OMMON /LCLF/ LCE, LFAC	BEL 1
	OMMON /PROG/ PNAME(3,63), NPROG, MNAME(3,63), NMISS	BEL 11
	OMMON /MISS/ LNGTH,NWMISS,NBMISS,NLMISS	BEL11
	OMMON /DOBS/ NDD3,NWDD8,NBD08,NLD08,MD08,NBLK	BEL 11
	OMMON /IVA/ MIVA, NIVA, IVA(250)	BEL 11
	OMMON /IFA/ MIFA,NIFA,IFA(6.0)	BEL11
	OMMON /FTBL/ MTBL,NT3L,NTBL1,NTBL2,NFTBL(200)	BEL11
	OMMON /KEL/ KEL	BEL11
	OMMON /MAXS/ MAXA, MAXC, MAXE, MAXI	BEL 11
	OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(33), RLDATE, IRELDTL	9EL 11
	OMMOW /MISC/ IFLAG(23), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, L	BEL11
	ITBCNI, PROPUP, NVMAX, NEWLES, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL, JL	BEL 12
	LAG, NAFAC, NOSF, NOSC, ICNT, L2WOT, 177, J77, KOPI (10), MAXCGN, IPLTP, MAXSL	BEL12
	PR,L1WOT,L1BUC,LIML1	0230
		BEL 12
	INTEGER FYEAR	BEL12
		BEL 12
	COMMON DDB(1)	BEL12
		BEL12
	DIMENSION DB(1), IDDB(1), IDB(1)	BEL 12
		BEL12
	QJIVALENCE (008(1),08(1),1008(1),108(1))	BEL13
	(1)), (B.	9EL 13 RF: 13
	TO THE OWNER OF THE OWNER OWNER OF THE OWNER OW	
		BELLS RFI 13
	S + 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 + 1 × 2 × 1 × 2 × 1 + 1 × 2 × 1 × 2	333
	L SPRINT (008(N80004+510),008(N8008+510),L4)	633
	S	633
	S NYCO	633
	END	533

TO THE PART OF THE		TIME TO THE TAXABLE T	TMAKATBUON (8923) TABELI TABELI	MAX) BLES(12,903) LASILS He nomed in ver nother 13vense 341 Noore vooe April	THE WELL OF THE VEHICLE OF THE VEHIC		PO,NLSPO, TBSPO (3,20)	AC, NBF AC, NLF AC	BCE, NLCE LABEL1	ABEL 1	3), NPROG, MNAME (3, 63), NMISS LABEL 11	ISS, NBMISS, NLMISS LABEL 11	8008,NL008,MD08,N8LK LA8EL11	,IVA(250) LABEL11	,IFA(600) LABEL11	L,NTBL1,NTBL2,NFTBL(200)	LABEL11	C, MAXF, MAXI	EAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IRELDTLABEL11), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPROP, LABEL 11	WLEG, VEH1, VEH2, MAXVEH, NR, NFH, NLM, NMPL, MWPL, JLABEL12	CNT, L2WOT, 177, J77, KOPT (10), MAXCGN, IPLTP, MAXSLABEL12	ED230	A8EL12	ABEL 12	ABEL 12	ABEL12	LABEL 12	ABEL 12		(1),IUUB(1),IOB(1)) O1(1), (3/6F %O01/3), (SINDED KODI(1), (CLABEL13	TILLING TOBOLOMOTICANO TOBANCETONOTICONO TOCANCETO	0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.0.1.1.1.0.1	ABEL 13	L2.BLANK.EXP.EXPND.IOTAL SPRINT 5	SPRINT	
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SPRINT12
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                                                                                                                                                                                                                                                                                                                                                                                                                                            SPRINT49
                                                                                                                                                                                                                                                                                                                                                                                                30 10
                                                                                                                                                                                                                                                                                                                                                                                               IF ((TBLES(1,13).NE.1JD8(K)).OP.(TBLES(2,13).NE.1DD8(K+1)))
                                                                                                                                                                                                                                                                                                                             GALL JYPACK (J1,18,TBVEH(3,14),18)
                                                                                                                                                                                                                                                                                                                                                    CALL UNPACK (N,18,TBVEH(3,14),0)
                                                                                                                                                                                                                                                 READ (L2WOT) (DDB(K1+K),K=1,KK)
                                                                                                                                                                                                                                                                                  CALL UNPACK (IFLT,30,008(J),0)
                                                                                                                                                                                                                                                                                                       IF (IFLT.EQ.JFLT) GO TO 120
                                                                                                                                   IF (IFLAG(1), EQ.2) GO TO
                                                                                                                                                                                                                                                                                            IF (JFLT.EQ.0) GO TO 110
          JJ= (LOWCOR-NBDDB-509) /L4
                                                                                                                                                                                                                                                                                                                                       VOLMAX=008(J1+15)
                     JXMAX=JJ-1-NOVEH
                                                                                                                                                                                                                                                                                                                                                                                     DO 63 K=J1,JL,5
                                                                                                                                                                                                                                                                                                                                                                                                                                            EXPMAX=DDB(K+4)
                                                                                                                                                                                                                                      KK=MING(II,KK)
                                                                                                                                                                                                                                                                                                                                                                                                                      UPMAX=DDB(K+2)
                                                                                                                                                                                                                                                                                                                                                                                                                                 DNMAX=DDB (K+3)
                                                                                                                                                                                                                          KK=NL038-IA+1
                                                                DO 13 I=1, L4
                                                                            00 10 J=1,JJ
                                                                                                                                                                               REWIND LZWOT
                                                                                                                                                                                                                                                                                                                                                                           J1=J1+VWVEH
                                                      L3=L2+NYRS1
                                           L2=L1+NYRS1
                                                                                                                                                                                                     K1=N8008-1
                                                                                                                                                                                                                                                                                                                                                               JL=11+N-1
                                                                                       LF(I, J) = 0
                                                                                                                                             PRINT 340
                                                                                                                                                         PRINT 350
                                                                                                                                                                                                               1A=N303B
                                                                                                                                                                                                                                                                                                                  CONTINUE
                                                                                                                                                                                                                                                                       CONTINUE
IFIRST=0
                                                                                                  LNDEX=0
                                                                                                                                                                                                                                                            8008N=7
                                                                                                                                                                                         II=510
                                                                                                                        IRIN=0
                                                                                                                                                                    JFLT=3
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գ գ	PRINTS	SPRINT53	PRINTS	PRINTS	PRINT5	PRINT5	PRINT5	PRINT6	PRINT6	PRINT6	PRINT6	PRINT6	PRINT6	PRINT6	PRINT6	PRINT6	PRINT6	PRIN17	PRIN17	PRINT7	PRINT 2	PRINT7	PRINT7	PRIN17	PRIN17	PRINT7	PRIN17	PRINTS	PRINT8	PRINT8	PRINT8	PRINT8	PRINT8	PRINT8	0 - N - N - N - N - N - N - N - N - N -	PRINI 8
XP=BLA 0 TO 7	CNITNO	RINT 280; FRREUERRA	RLF = (TWTUP*DNM	OLF=VOLUME/VOLMAX	F'(TRLF,LE,1,0	RLF=(TWTUP+TWTOW)/EXPM	XP=EXPN	BUNITNO	NDEX=160+14+1	F (INDEX.NE.LNDEX) JX=J	F (JX.LE.JXMAX) GO T	F (IFIRST.EQ.1) GO TO 1	RINT 390, J	ERR=JERR	FIRST=1	0 TO 10	BUNITAG	F(1, JX) = INDE	5=I5+1-FYEAR	LF(I5+L1,JX)=TRLF+XLF(I5+L1,	LF(I5+L2,JX)=1.0+XLF(I5+L2	XLF(I5+L3,JX)=V0LF+XLF(XBONI=XBON	F (IFLAG(1), EQ.2) GO TO 110	RINI 360, TWTUP, TWTDW, TLOA	RINT 370, VOLUM	WTUP=0.	MIDM-0	L04D=0	OLUME=0.	F (IRT	ONTINUE	FLT=IFLT	ALL UNPACK (II, 6,008(J+1),	ALL UNPACK (12,6,00	UNPACK (13,6,00 UNPACK (14,6,00
	9		7.0					8.0									9.0						1 i 0				110					120				
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			(I,I2),I=1,3),TBLEG(1,I3),T R,IFLT,DDB(IJ),DDB(IJ+1),UP		
CALL UNPACK (15,6,003(J),12) CALL UNPACK (16,12,003(J),18) CALL UNPACK (17,12,003(J+1),24) CALL UNPACK (18,1,003(J),32) IYEAR=IS+IRELDI IJ=NGCE+NWCE*(I7-1) IF (18,EQ.0) VOLUME=VOLUME+DDB(IJ+8) IP=1,3	ALL US		WTUP=TWIUP+UP WTDW=TWIDW+DOWN FLT=16 F (IFLAG(1).EQ.2) GO TO 130 FINT 380, (PNAME(I,11),I=1,3),(MNAME G(2,13),TBVEH(1,14),TBVEH(2,14),IYEA	LHUHNAD IF (CU-L IAHIAHI IF (IAH REWIND IRTNH30	ON THE CL
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SPRIN134
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                                                                                                                                                                                                                                                                                                                                                                                                SPRIN167
                                                                                                                                                                                                                                                                                                                                             XLF(N+L1,I)=XLF(N+L1,I)/XLF(N+L2,I)
                                                                                                                                                                                                                                                                                                                                                       XLF (N+L3,I)=XLF (N+L3,I)/XLF (N+L2,I)
 (LF(L2, I) =XLF(L2, I) +XLF(L2+N, I)
        XLF(L3, I) = XLF(L3, I) + XLF(L3+N, I
                                                                                                                                                                                                                                                                                                                                   IF (XLF(N+L2,I)) 210,226,210
                                                                                                                                                                                                    IF (XLF(2,J)) 190,180,190
                                                                                                                                                                                                                                                                                                                                                                                        IF (NYRS.LE.15) LTH=NYRS
                                          IF (VEH(I)) 160,170,156
                                                                                                                            CALL SORT (XLF, L4, JX, 1)
                                                                         INDEX=100*I+LASTLG
                                                                                                                                                                                                                                                                                                                         00 220 N=N1,NYRS
                                                                                                                                                                                            ACP=AC>+XLF(I,J)
                                                                                                                                                            00 200 I3=L1;L4
                                                                                   LF(1,JX)=INDEX
                               00 170 I=1,36
                                                                                                                   LF(1,JX)=3131
                                                                                                                                                                       30 131 J=1,JX
                                                                                                                                                                                                                                                                                                    00 223 I=1,JX
                                                                                                                                                                                                                                                                                                                                                                                                            DO 260 NC=1,2
                                                                                                                                                                                                                                                                    XLF(I,JX)=ACT
                                                                                                                                                                                                                           KLF(I, J) = ACP
                                                                                                                                                                                                                                     ACT = AST + ACP
                                                                                                                                                                                 I=L4+L1-I8
                                                                                                                                                                                                                                                                                                                                                                             LTH=4Y2S/2
                                                                                                                                                                                                                 CONTINUE
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                     CONTINOD
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                                                   CONTINUE
                                                                                                                                                                                                                                                                               ACT = 0.
                                                                JX = JX + 1
                                                                                                        JX=JX+1
                                                                                                                                                                                                                                               ACP=0.
                                                                                                                                       ACP=0.
                                                                                                                                                 ACT=ù.
                                                                                                                                                                                                                                                                                                                                                                                                                       JJ=L1
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RIN17 RIN17 RIN17 RIN17 RIN17	PRIN17 PRIN17	PRIN17	PRIN17	PRIN17	PRIN18	PRIN18	PRIN18	PRIN18	PRIN18	PRIN18	PRIN18	PRIN18	PRIN18	PRIN19	PRIN19	PRIN19	PRIN19	PRIN19	PRIN19	PRIN19	PRINIS	PRIN19	PRIN20	PRINZO			PRINZO	PRIN20	PRIN20	PRIN20	PRINZU
								BL1, TBL2, XLF(JJ, I), (XLF(J+JJ,																FOR LEG , A6, A4, 12H ON VEHICLE		AL3X15(3,2X)		FACT	F5.2)		,3HLEG,8X,7HVEMICLE,4X,4HYEAR
50 IV=1,2 IV.EQ.1) PRINT 310 IV.EQ.2) PRINT 320 T 290, (NTYRS(J),J=J1,LTH) T 300	40 I=1,JX F(1,I)/10	F(1,1)-10	=TBLEG(1,	=TBLEG(2,I3)	Z • (I • T) L J	=T0TA	INCE Y	1 336	J1,LTH)	I3.EU	N Z	M) 1	INCE BONI	NY S	+ 1	NYRS	D N I		INUE	Z		-		AT (33HOSPRINT CANNOT FIND DATA		_ L	T (THILAX.234SHMMARY OF LOAD FA	T (IH141X, 25HSUMMARY OF VOLUME	T (1X, A6, A4, 4XA6, A4, 2XF5.2, 2X	T (1H1, 6X, 14HCARGO MANIFEST/)	I (AH PROGRAM, 12X, 7HMI
D H H A A A A A A A A A A A A A A A A A	0 2 4=L	3=1	BL1	BL2	u i	8L1	0 N T	PRIN	=(() II	ON I	J=L	0 CONT	L	J1=L	ᄪ	60 CONT		70 CONT	RETU	: ت د	ာပ	1	80 FORM	LIADY	0 0 7 0 2 2	100 H	20 FORM	30 FORM	40 F03M	50 FORM
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SPRIN210	SPRIN211	SPRIN212	SPRIN213	48HOSPRIN214	SPRIN215	SPPIN216
17x,6HFLIGHT,5x,5HCARGO,12X,5HWT UP,6x,7HWT DOWN,4x,3HELF,/)	FORMAT (85X,8HTOTALS ,2F11.0,F10.4,F6.4,A1,1)	FORMAT (1H+,F133.4,1)	FORMAT (2(1X, 3A5), 2(1X, A6, A4), I5, I12, 6X, A6, A4, 2F11.0, F10.4)	FORMAT (47H1 LEG/VEHICLE FLIGHT COMBINATIONS HAVE EXCEEDED, 13/48H0SPRIN214	1 CALCULATION OF SUMMARY TABLES ARE DISCONTINUED/141)	END

SE336	536
DARGON ACCENTA RCCMENTAX CHCONICS XCC	AMELI
OMMON /LEGS/ NLEG,NLGMAX,TBLEG(12,63),LASTLG	BEL 1
OMMON /VEHS/ NVEH,NWVEH,NBVEH,NLVEH,N	PRELABEL 1
(23), NOVEH, VEH(30)	ABEL 1
OMMON /SPUS/ NSPO,NASPO,NLSPO,TBSP	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFAC	ABEL 1
DMMON ZCRGSZ NCE, NWCE, NBCE, NLCE	ABEL 1
04404 /LCLF/ LCE,LFAG	ABEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	ABEL 11
OMMON AMISSA LNGTH, NWMISS, NAMISS, NLMISS	A9EL11
OMMON /DDBS/ NDDB,NWDDB,NBDDB,NLDDB,M	ABEL 11
OMMON /IVA/ MIVA,NIVA,IVA(250)	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(600)	BEL11
OMMON /FIBL/ MTBL, NTBL, NTBL	ABEL 11
OMMON /KEL/ KEL	ABEL11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAX	ABEL 11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLOATE, I	TLABEL 11
OMMON /MISC/ IFLAG(23), LOWCOR, JERR, CARD(16), LINE(33), IPROP, J	, LABEL 11
ITBONT, PROPUP, NVMAX, NEWLES, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, M	ABEL 12
LAG,NAFAC,NOSF,NOSC,ICNT,L2WOT,I77,J77,KOPT(111),MAXCGN,IPLTP	SLABEL 12
PR, LIWOT, LIBUC, LIML	E0230
	ABEL 12
INTEGER FYEAR	ABEL 12
	ABEL 12
COMMON DDB(1)	ABEL 12
	ABEL 12
DIMENSION DB(1), IDDB(1), IDB(1)	BEL 12
	A 8 E L 1 Z
QUIVALENCE (UDB(1), DB(1), IDDB(1), IDB(1))	LABEL13
(CONTRE,KOPT(5))	LABEL 132
	ABEL 13
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SUBROUTINE TRAFIC (MAX, DVIT)	TRAFIC 2
INTEGER DVII (MAX, 32)	RAFIC
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CHICK VIONIX NCONISNOIMAXSIBCONICASCUL	ABELI
OMMON /LEGS/ NLEG,NLGMAX,TBLEG(12,63),LASTLG	LABEL1
COMMON ZVEHSZ NVEH,NWVEH,NBVEH,NLVEH,NVHMAX,TBVEH(5,31),NPREF,	ABEL 1
(ZU) YOVEH,VEH(SU)	AUELI
OMMON ASPUSA NSPO,NESPO,NESPO,18S	ABEL1.
FACS NEAC, NWFAC, NBFAC, NLFA	Bel 1
ORMON ACROSA NCHANACON NOCHANEO	A 2 E 1 4
OMICS ARCE A COLVER AS CASSANDERS	49FL 11
OMMON /AISS/ LNGTH, NAMISS, NBMISS, NLMISS	ABEL 11
OMMON /008S/ NOUB,NWJOB,NBDDB,NLDOB,MD	ABEL 11
OMMON /IVA/ HIVA, NIVA, IVA(250)	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(600	ABEL 11
OMMON /FIBL/ MIBL, NIBL, NIBL	ABEL 11
DMMON /KEL/ KEL	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	LABEL11
OMMON /YEAR/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, I	BEL 11
OMMON /MISC/ IFLAG(23), LOWCOR, JERR, CARD(16), LINE(33), IPROP, J	P, LABEL 11
ITBCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, M	, JLABEL12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (16), MAXCSN, IPLTP,	LABEL 12
PR, LIWOT, LIBUC, LIML	0230
	ABEL 12
INTEGER FYEAR	ABEL 12
	ABEL 12
COMMON DDB(1)	ABEL 12
	ABEL 12
DIMENSION D8(1), IDD8(1), ID8(1)	ABEL 12
	8EL 12
QJIVALENCE (008(1),08(1),IDU8(1),IO8(1))	LABEL 13
EQUIVALENCE (OFFLOD, KOPT(1)), (BASE, KOPT(2)), (SINDEP, KOPT(3))	BEL 13 BE! 13
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	COMMON /ASDAT/ FLTAC(30,31),10TFLT(30),MTT(30,31),NFR(100)		INTEGER FLIAC, TOTFLT		INITION INVENT		CHNIKA-M ADVINA - KATTLO - PACINA	DETAILED VEHICLE TRAFFIC		0 13 I=1	0 10 1=1,3	I, J)=	MIT(I,J)=	0 CONTINU		JCNT=0	KCNT		UNPACK FLIGHT REQUIREME	MASTER TRAFFIC TABL		0 20 I≈NTBL1,NTBL2	ALL UNPACK (NEI, 6, NFTBL (I),	ALL UNPACK (NV1,6,NFTBL(I)	ALL JNPACK (NY1,12,NFTBL(I),1	ALL UNPACK (NF1,12,NFTBL(I),2	=NY1-FYEA		CK (NE1,18,1X,0)	TI (NVI, L) = MIT (NV1, L)	TT(NV1,1)=MTT(NV1,1)+NF	F (NV1.GT.NVMAX) NV	GUNITAGE 0		UNAPPOCK INITIAL VEHICLE ACQUISITION TABLE(IVA) AND FORM FLTAC		10 73 4 4 4 7 7 7 1 C	TATACK CELAIN	ALL CAPACA CALLOCALVATA
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	60 TO 69	E. LIGHTS. PS.
IF (IFLAG(9), EQ.3) GO TO 36 IF (NL1.NE.NEWLEG) GO TO 40 CALL UNPACK (NV1,6,IVA(I),6) CALL UNPACK (NY1,12,IVA(I),12) CALL UNPACK (NF1,12,IVA(I),12) CALL UNPACK (NF1,12,IVA(I),12) CALL UNPACK (NF1,12,IVA(I),12) CALL UNPACK (NY1,12,IVA(I),12) CALL UNPACK (NY1,12,IVA(I),12) FLTAC(NV1,1) = FLTAC(NV1,1) + NF1 FLTAC(NV1,1) = FLTAC(NV1,1) + NF1 IF (NV1,6T,NV4AX) NVMAX=NV1 CONTINJE	UP POINTE IV+1 (IV.ST.NV (MIT(IV.1 NT=0 70 I=1,30 FLT(I)=0 30 I=1,MAX (I)=0	0 8G J=1,32 VIT(I,J)=0 ONTINUE RESET TOTFLT TABLE AND IVAT VAT=FLTAC(IV,1) OTFLT(1)=FLTAC(IV,2) 0 9G I=3,31 =I-2 =I-1 OTFLT(K)=TOTFLT(J)+FLTAC(IV,I) ONTINUE VT - LOCATION OF VEHICLE TABL WTF - LOCATION OF MAX. TOTAL F MNY - LOCATION OF MAX. NO. YEA
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RAFIC96
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                                                                                         FRAFIC92
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            RAFI12
LMFPY - LOCATION OF MAX. FLIGHTS PER YEAR.
                                                                                                                                                 CALL UNPACK (NFLTS, 18, MTT(IV, IYR+1), 18)
                                                                                                                                                                                                                                                                                             PRINT 523, IVTL,TBVEH(1,IV),TBVEH(2,IV)
                                                                                                                                                                                                                                                                                                                                                                                                    NFR (IE1)=NFEXP
                                                                                                                                        CALL UNPACK (NE1,18,MTT(IV,IYR+1),0)
         CALL UNPACK (LVT,18, TBVEH(3, IV),18)
                                                                                                                                                                                                                                                                                                                                                                                         IF (DVII(IE1,32), EQ. 0) GO TO 180
                                                                                                                                                                                                                        GO TO 110
                                                                                                                             IF (IYR, GT. NYRS) GO TO 430
                                                                                                                                                                                                                                                                                                                                                                                                                            (IE1.LT.NE1) 60 TO 140
                                                                                                                                                                                                                                                                                                                               IF (NE1,EQ.0) GO TO 150
                                                                                                                                                                                                                                                                                                                                                                                                    IF (DVTT(IE1,32),EQ.0)
                                                                                                                                                                                                                                                                                                                                           NPEXP=(NPLIS+NEI+1)/NEI
                                                                                                                                                                                                             IF (IVAQ.EQ.0) 30 TO
                                                                                                                                                                                                                        IF (OVIT(I,32).NE.0)
                                                                                                                                                                                     IVA 3=FL TAC(IV, IYR+1)
                                                                                                                                                               MIT(IV, IYR+1)=NFLTS
                                                                                                                                                                                                  DO 113 I=1, MAKVEH
                                                                                                                                                                          NVIF=TOTFLT (IYR)
                                                                                                                                                                                                                                                                                  IVTL=IVAQ+MAXVEH
                                            MNY & S = 338 (LVT+5)
                      MAX2Y=303(LVT+3)
                                  MTF=003(LVT+4)
                                                                                                                                                                                                                                                                                                                                                                                                               DVIT(IE1,32)=3
                                                                              PICK NEXT YEAR
                                                                                                                                                                                                                                                DVTT(I, 32) =1
                                                                                                                                                                                                                                    IVAQ=IVAQ-1
                                                                                                                                                                                                                                                                                                                     NFEXP=1300
                                                                                                                                                                                                                                                          VER (I) = MIF
                                                                                                                  IYR=IYR+1
                                                                                                                                                                                                                                                                      CONTINUE
                                                                                                       BONTINOS
                                                                                                                                                                                                                                                                                                        STOP 7
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	ى د		AF112
	•	RV = (NFL TS+MA	RAFI
12		/10	RAFI12
		F (NRV.LT.NVIF) NRV=	RAFI13
		F (NRV.LT.NE1) NRV=NE1	RAFI13
	ပ		RAFI13
	ပ	ADVANCE VEHICLE POINTER TO NEXT AVAILABLE VEHICLE	AFI13
	ပ		RAFI13
	170	VTL=IVTL	RAFI13
		FT8A=1000	RAFI 13
		F (IVIL, GT, MAXVEH) GO TO 12	RAFI13
		F (UVIT(IVTL, 32), EQ.1) GO TO 28	RAFI13
		F (DVIT(IVIL, 32) .EQ. 3) 60 TO 3	RAFI13
		21 Z=	PAFI14
	180	I=LVT+1	RAFI 14
		YR=IYR+FYEA	RAFI14
		J=JYR+I	RAFI14
		F (IFLAS(9).EQ.1) 30 TO 1	RAFI14
51		AT.NE.0) PRINT 530, D	RAFI 14
		0 10 26	RAFI14
	190	BONILNO	RAFI14
		ALL PACK	RAFI14
		0 253 11=1,	RAFI14
		2=6*(11-1)	RAFI15
		ALL UNPACK (IVEH,6,T	RAFI 15
		F (IVEH, EQ. 0) 30 TO 26	RAFI15
		0 233 N=1,NC	RAFI 15
		BASE=(N+1) *NWCE+NBC	RAFI15
		F ((IDB(N3ASE)	TRAFI15
		11) 50 10 22	RAFI15
	200	CONTINO	AFI15
		RINT 54	RAFI 15
52		ERR=JERR	ED2309
		0 TO 25	RAFI15
	210	RINT 49	RAFI16
		FLAG(8)	AFI16
		ERKEUERR	RAFI16

RAFI16 RAFI16 RAFI16 RAFI16 RAFI16 RAFI16	RAFI17 RAFI17 RAFI17 RAFI17 RAFI17 RAFI17	MED23101 WED23102 TRAF1179 TRAF1180 TRAF1183 TRAF1184 TRAF1185 TRAF1186	RAPILLO RAFILLO RAFILLO RAFILLO RAFILLO RAFILLO RAFILLO RAFILLO
51,12) EH2,3)	EH2,1)	240	• · · · · · · · · · · · · · · · · · · ·
LMISS-NUMISS (N,12,VEH2,24) ACK (ITEMP,12,00 K (0,5,VEH2,0) P.EQ.3) CALL PAC B (NBASE+7)	SS+1)=VEH1 SS+1)=VEH1 SS+2)=VEH1 SS+2)=VEH2 SS+2)=VEH2 SS+3)=SS+NWMISS	61. KONT) 611. KONT) 611. KONT) 611. LP0 NWVEH 1P0) . EQ. A+1 . GI. MIVA CNEMLE K (NEMLE K (IVEH) K (IVEH)	3(8), EQ.0) 30 TO 250 G, VEH1, VEH2, IVA(NIVA) HICLE ,IYR+1) = FLTAC(IV, IYR+1)+ ,1) = FLTAC(IV, 1)+1 = IYR, 30) = TOTFLT(I)+1 F+1
LYISS=N O TO 25 ALL PAC ALL UVP ALL PAC F (ITEM TEMP=00	ALC PACE DACE DACE DACE DACE DACE DACE DACE D	CAPILL BACK ODER CONTROL OF THE CONT	CONTRACTOR ON TINDE ON TINDE ON TINDE ON TINDE CONTRACTIVE CONTRACTIVE ON TINDE ON TINDE ON TINDE ON TINDE
22 5	230	4	250 250 6 6 273
アアアロロユ+	ヤヤカををごろって	0 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4 9 9 9 9	tttemme mother

TRAFI201 TRAFI202 TRAFI203 TRAFI204 TRAFI205	RAFI20 RAFI20	RAFIZO	RAFI20	RAFI21	RAFI21	RAFI21	RAFI21 PAFI21	RAFI21	RAFI21	RAFI 21	RAFI21	RAFI21	RAFI 22	RAFI 22	RAFI 22	RAFI22	RAFI22	RAFI22	RAFI22	RAFI22	RAFI 22	RAFI22	RAFI23	TRAFI23	RAFI23	RAFI23	RAFI23	RAFI23	RAFI23	RAFI23	AFI23	RAFI23	AF124
TN.EQ.2) GO TO 150 VTL,32)=1 TL)=MTF UE	OR END OF LIFETIME IN YEARS	I=1, IY	TT(IVTL,I+1).NE.3) GO TO 300			Jt.	N C X L	TAT N - N - N - N - N - N - N - N - N - N	LEFT) 310,	င	+	ш	7.7	NFL TS+NRV-1) / NRV	NFR(IVTL)-NFTBA-MAXPY*NYLE	TRA.ST.0) NFTBA=NFTBA+NEXTR		GHTS, THEN PURGE EXPIRED VEHICLES		MING (NFTBA, NFR (VTL, IYR+1)=NFT	VTL, 1) = DVTT (IVTL, 1	TL) = NFR(IVTL) - NFT	NFL TS-NFTBA	T(IVIL, 32).NE.3).ANG.(HFR(IVIL).GT.0).AND.(NYLEFT.GT.0))	\sim	VIF-1	I=IYR,3	(I)=101F	LAG (4) .NE.1) GO T	JNT.51.0) 50	D3(LVT), DD	νO
H 0 N 0 O N O O O O O O O O O O O O O O O	TEST	0 2) IF .	ONT	λI=I	0 0001	NYA+I T-AYN) (U	 	FTB	60 1	0 NFTB	CO T	FTB	EXT	<u> </u>		ASSIGN FL		THN 0	1		<u>ر</u>	_	IF (10	FIN	M	3 TOTF) IF (_	PRINT	Z
746 750 755 757 C	ပ ပ	25	. 0.2	2	73	~	774	- ~	0.0	0 0	603	0 0	900	0	01	0.5		ပ	<u>ن</u>	033	70	0.4	1045	04	ţ O		90	0.7	076 35	100	10	1104	12

7	RAFI24 Rafi24 Rafi25 Rafi25 Rafi25	RAFILS RAFILS RAFILS RAFILS RAFILS RAFILS	RAFI25 RAFI26 RAFI26 RAFI26 RAFI26 RAFI26	TRAFIZES TRAFIZES TRAFIZES TRAFIZES TRAFIZTO TRAFIZTO TRAFIZTO	RAFI27 RAFI27 RAFI27 RAFI27 RAFI27 RAFI27
KOUNT=KOUNT+1 PRIMT 570, KOUNT, (BVTT(IVTL,J),J=1,NYRS1) IF (DVIT(IVTL,32),EQ.3) PRINT 510 MXV41=MAXVEH-1 BO 390 I=IVTL,MXVH1 BO 380 J=1,32	VTT(I,J)=DV F (OVTT(I,Z) ONTINUE FR(MAXVEH)= O 460 1=1.2	VIT (4AXVEH) VIL = IVIL - 1 ONTINUE F (NF. TS • EQ RV = NAV - 1	F (((NFLTS-1+NRV)/NRV). O TO 170 ONTINJE RINT TABLE FOR SPECIFIC F ((IFLAG(4).NE.1).OR.((KUJNI.61.1) 60 NT 550, DO3(LVT) NT 560 450 I=1,MAKVEH (DVTT(I,32).LE.0 NT=KOUNT+1 4T 570, KOUNT,(D	ONTINUE RINT 590, RINT 590, RINT 590, INE(2) = FLT O 470 I=3,
9 1	380 390	400 410 420 420	4 0 0 0 B	.	44 60 00 00
1127 1151 1151 1167 1171	2 2 2 2 2 2 2 3	1222 1223 1233 1233 1233	nt ttw	1257 1261 1275 1304 1312 1314 1334	2000000000000000000000000000000000000

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-181-

1436		PRINT 6 30 TO 6	16, (LINE(I),I=2,NYRS1) 0	TRAFI281 TRAFI282
4.	480	NILKO		RAFI28
τ	1			KAF 128
	ပ			RAFI28
	ن	,		RAF12
	ى	-		RAFI28
	9	02.4A	43H1*** DDB ARRAY HAS OVERFLOWED IN TRAFIC ***)	AFI28
	O	ORMA	(8X,012))	RAFI
	+4	0	2H+E)	AFI29
	520	AMA	6X,34HA3ORT - EXCEEDED VEHICLE CAPACITY ,18HIN TRAFFIC PLA	TRAFI
		NER,	I4,1H-A6,A4)	FI29
	\sim	9	6X,34H****ADDITIONAL VEHICLE	FI 29
	540	ORMA	X,46HSTAGED VEHICLE IS NOT IN CARGO ELEMENT TA	FI29
		İ		TRAFI295
	550	70	(1H1,33X,18HTRAFFIC TABLE FOR ,A6,A4//3X,4HYEAR,2X,5HTOTAL,1	4FI29
		(† I O		4FI29
	9	02M4	2×,7HVEHICLE)	4FI
• •	7	03MA	4X,I3,I7,30I4)	AFI2
_	Ø	ORMA	1H0,1X,6HTOTALS,16,3014)	4FI30
	290	FORMAT	,1X,8HNO. VEH.,/2X,9HAVAILABLE,3X,30I4)	TRAFI301
	J	ORMA	1HO;1X;8HVEHICLES;/2X;8HACQUIRED;31I4)	AFI30
	7	0RMA	1H0,1X,8HVEHICLES,/2X,8HACQUIRED,/2X,7HTO DATE,5X,30I4)	AFI 30
1451		Z		TRAFI304

SUBROUTINE CSTRPT	STRPT
	STRPT
COST REPORT SUBROUTINE	STRPT
	RPT
OMMON /CONI/ NCONT, NCTMAX, TRCONT(8, 2	A 3EL 1
ES,NLSMAX,TBLES(12,63),LASTLG	ABEL 1
COMMON /VEHS/ NVEH, NWVEH, NBVEH, NLVEH, NVHMAX, TBVEH(5, 31), NPREF, VP	ABEL 1
(2J), NOVEH, VEH(3D)	ABEL 1
OMMON /SPOS/ NSPO,NBSPO,NLSPO,T	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	8EL 1
OMMON YORGSY NOE, NWCE, NBCE, NLC	ABEL 1
OMMON /LCLF/ LCE, LFAC	ABEL1
OMMON /PROS/ PNAME(3,63),NPROG,MNAME	3EL 11
DAKON /AISS/ ENGIH, NAMISS, NAMISS, NEMIS	ABEL 11
OMMON /DDBS/ NDD8,NWJD8,NBDD8,NL	ABEL 11
OMMON /IVA/ MIVA,NIVA,IVA(250	ABEL 11
OMMON /IFA/ MIFA,NIFA,IFA(600)	ABEL 11
OMMON ZETBLZ MTBL, NTBL, NTBL	A BEL 11
OMMON /KEL/ K	ABEL 11
OHMON /MAXS/ MAXA,MAXG,MAXF,MAXI	BEL 11
OMMON /YEAZ/ FYEAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS (30), RLDATE, IREL	BEL11
COMMON /MISG/ IFLAG(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPRO	, LABEL 11
T SCNT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWPL	LABEL 12
FLAS, NAFAC, NUSF, NOSC, ICNT, L2WOT, I77, J77, KOPT (10), MAXCSN, IPLTP, MA	SLABEL 12
PR, L140I, L18UC, LIML	ED230
	ABEL12
INTEGER FYEAR	ABEL 12
	ABEL 12
COMMON 008(1)	ABEL 12
	BEL 12
DIMENSION DELLY, IDUGLIY, IDELIY	4 5 5 1 7 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
QJIVALENCE (D	LABEL129 LABEL130
OUTLANDENCE COFFEE OD KODICAN (AANGERKODICAN)	ABEL 13
. (CONTRE, KOPT (5)), (ICAP, KOPT (6))	LABEL13
	BEL 13
	EL 13
**************************************	ASUAIS
504404 / ASDAIN FELACION, SIN, 50511(35), 50512(35), 60513(35), 60514(3	ASDAT3

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	ပ	INTESER FLIAC	DAT
	ပ		SDAT3
	ی		STRPT
	Ć	EQUIVALENCE (VDATA(1), LINE(1))	STRPT1
	د	IMENSION IPNAME (3.	STRP11 STRPT1
		IMENSION ITBVEH(5,30)	CSTRP 11
		IMENSION ICOST1(3	(3CSTRPT1 CSTRPT1
		DIMENSION IGO	STRP11
		POST CANADA CANA	STRPT1
		GOIVALENDE (IPNAME)FNAME) (INNAME)MAME) (ILIOVEN) IDVE Ditva emde (Itooria, dooria), (Itooria, dooria), (Itooria, door	STAP 1
		011VALENCE (160514,60514), (160515,60515),	STRPT2
		FLA6=1	STRPT2
8		FLAG=IFLAG(1	STRPT2
m		PLOT=IFL	STRPT2
พ	₩	0 20 I=1,198	STRPT2
		= (I) T1SO	STRPT2
13	20	ONIINO	STRPT2
		BLNK=5	STRPT2
			STRPT2
	က က	OMPUTE VEHICLE PRODUCTION AND DEVELOPMENT COSTS.	STRPT2
	د	• • • • • • • • • • • • • • • • • • •	012710
		I=RLDATE-1	SIRPIS
		0 60 1=1,50	017710 010010
	ე ე	TOTAL OF	STRPT3
			STRPT3
		0 43 3=1	STRP 13
		IN + N M PL	STRPT3
		F (U.EQ.NR) N=NL	STRP 13
		RITE (J,	STRPT
	0.4	1+21	STRPT4
52		13) I=1,N	STRPT
		04 A (1) - 6 V C	STRPTA
		04 (4(5) - 10VE 0 5(- L=1,31	STRP

	75		DATACL	STRPT4
	97	6.0	CNTINUE	STRPT4
	77		ALL UNPAC	STRPT4
	0		1=009(IVEH+8	STRPT4
	0		ALL SPOAP (1	STRPT4
	44		2=008(IVEH+11)	STRPT5
	7		ALL SPDAP (STRPTS
	~		0 70 J=3,33	STRPTS
	2	7.0	0ST3(J) = C0ST1(J)+C	STRP15
	3		F (COST3(3)) 80,130,8	STRPTS
	₩)	8.0	ONTINUE	STRP15
	M		F (JFLAG.E	STRPTS
	M		0 90 J=1,NR	STRPTS
	m	96	RITE (J, 75	STRP15
	ħ		ONTINGE	STRPTS
	r		0ST1(1) = 6	STRPT6
	\mathcal{C}		0ST1(2) = 6	STRP16
-1	σ		0ST2(1) = 6	STRP T6
85	S		0ST2(2) = 6	STRPT6
•-	S		0ST3(1) = 6	STRP ₁₆
	9		0ST3(2) = 1H	STRPT6
	9		F (JFLAG.EQ.1) GO TO	STRPT6
	9		F(COST3(3))105,110,10	E RODI2
	9	105	ONTINUE	ERODI2
	9		F (IPLOT.EQ.0) GO TO	STRPT6
	1		NDEX(1)=ITBVEH(1,I)+IT	STRPT6
	1		OST3(1)=6HT0	STRP17
	\sim		0ST3(2)=6HC0ST	STRP17
	~		ND EX(2) = ICOST1(1) + ICOST1(2) + IBL NK	STRP17
	_		RITE (10) INDEX(1), INDEX(2), (C)	STRPT7
	↤		NDEX(2) = ICOST2(1) + ICOST2(2) + IBLNK	STRP17
	41		RITE (10) INDEX(1), INDEX(2), (C	STRPT7
	~		NO EX(2) = ICOST3(1) + ICOST3(STRPTZ
	3		RITE (10) INDEX(1), INDEX(2), (C)	STRP17
	4	110	ONTINUE	STRP17
	ţ		ALL DPAGER (C	STRP17
	S		ALL DPAGER (COST	STRFT8
	253		L DPAGER (CO	CSTRP181
	S		0 120 J=3	STRPT8
	9	120	0ST6(J)=C0S	STRP18

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CSTRP199
            CSTRPT85
                        CSTRPT86
                                                 CSTRPT88
                                                           CSTRPT89
                                                                                                CSTRPT92
                                                                                                                                     CSTRPT95
                                                                                                                                                 CSTRPT96
                                                                                                                                                                          CSTRPT98
                                                                                                                                                                                                  CSTRP100
                                                                                                                                                                                                                                                               CSTRP105
                                                                                                                                                                                                                                                                                                   CSTRP108
                                                                                                                                                                                                                                                                                                                CSTRP109
                                                                                                                                                                                                                                                                                                                          CSTRP110
                                                                         CSTRPT90
                                                                                     CSTRPT91
                                                                                                             CSTRP193
                                                                                                                         CSTRPT94
                                                                                                                                                              CSTRP197
                                                                                                                                                                                                                          CSTRP102
                                                                                                                                                                                                                                      CSTRP103
                                                                                                                                                                                                                                                 CSTRP104
                                                                                                                                                                                                                                                                           CSTRP106
                                                                                                                                                                                                                                                                                                                                                     CSTRP112
                                                                                                                                                                                                                                                                                                                                                                                                     CSTRP116
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                                                                                                                                                                                                                                                                                       CSTRP107
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                                                                                                                                                                                                                                                                                                                                                                            CSTRP114
                                                                                                                                                                                                                                                                                                                                                                                        CSTRP115
                                                                                                                                                                                                                                                                                                                                                                                                                CSTRP117
                                                                                                                                                                                                                                                                                                                                                                                                                                                     CSTRP120
                                                                                                                                                                                                                                                                                                                                        CSTRP111
                                                                                                 GENERATE IFAC ARRAY INDICATING FIRST USER (PRCGRAM/MISSION) AND
                                                                                                             USE FOR EACH FACILITY.
                                                                                                                                                                                                                                                                                                                                                                 F (NYR.GE.IFAC(L+1)) GO TO 170
                                                                                                                                                                                                                                                               (NCEP, 12, IFA(I), 12)
                                                                                                                                                                                                                                                                                                                                        F (NCEP.NE.IFAC(L)) GO TO 170
                                                                                                                                                                                                                                                    CALL UNPACK (NPM,12,IFA(I),0)
                                                                                                                                                                                                                                                                            CALL UNPACK (NYR, 5, IFA(I), 24)
                                                                                                                                                                                                                                                                                       IF (NIF.EQ.0) GO TO 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IF (NIF3.6T.MIF) GO TO
                                                                                                                                                                                                                                                                                                                                                                                                                  GO TO 190
             G0 T0
                                                                         CALL DPAGER (COST6)
                                                                                                                                                              CALL DPAGER (LINE)
                                                 COST6(1)=6HT0TAL
            IF (JFLAG.EQ.1)
                                                             COST6(2) = 6HVEH.
                                                                                                                                                                                                                                        DO 190 I=1,NIFA
                                                                                                                                                                                                                                                                                                                 DO 170 J=1,NIF
                                                                                                                                      L INE (1) = 4HCOPY
                        00 140 I=1,NR
                                                                                                                                                                                                                                                                                                                                                                             IFAC(L+1)=NYR
                                    WRITE (1,750)
                                                                                                                                                                                                                                                                                                                                                                                         IFAC(L+2) =NPM
                                                                                                                                                                                                               00 160 I=1,U
                                                                                                                                                                                                                                                                                                                                                                                                                  IF (IL, EQ, 1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IFAC(L) =NCEP
                                                                                                                                                                                                                                                                CALL UNPACK
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NIF 3= 3* NIF
                                                                                                                                                                                                                            IFAC(I)=0
                                                                                                             YEAR OF FIRST
                                                                                                                                                 L INE (3) =1
                                                                                                                                                                                                                                                                                                                                                                                                                                          NIFFRIFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              L=NIF3-2
                                                                                                                                                                                                                                                                                                                                                                                                     CONTINUE
                                                                                                                                                                                                                                                                                                                                                                                                                             CONTINUE
CONTINUE
                                                                                                                                                                                                                                                                                                                             L=3+J-2
                                                                                                                                                                                       MIF=870
                                                                                                                                                                                                   LL=MIF
                                                                                                                                                                           NIF = 0
                                                                                                                                                                                                                                                                                                      1 L= 0
                                                                                                                                                                                                                                                                                                                                                     IL=1
                                      140
                                                 150
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                                                 300
                       271
                                     272
                                                             302
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            267
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SS	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
IFAC(L+1)=NYR IFAC(L+2)=NPM 190 CONTINUE 60 TO 210 200 JERR=JERR+1 PRINT 720 210 CONTINUE C FACILITY ACQUISITION AND VEHICLE OPERATIONS CCSTS. C LX = 1 TO COMPUTE FACILITY ACQUISITION COSTS. C LX = 2 TO COMPUTE VEHICLE OPERATIONS COSTS.	DO 640 LX=1,2 IF (LX,EQ,1) IBLNK=6HD IF (LX,EQ,1) AND,(NIF DO 220 I=1,165 220 COST1(I)=0.0 DO 230 I=1,30 LINE(I+3)=II+I IF (JFLAG,EQ,1) GO TO M=NFW DO 240 J=1,NR N=M+NWPL-1 IF (LX,EQ,1) WRITE (J, IF (LX,EQ,1) WRITE (J, IF (LX,EQ,1) WRITE (J, IF (LX,EQ,2) WRITE (J, IF (LX,EQ,1) WRITE (J, CALL MOREL2 N9=N9JD8+1 250 CALL WOREL2 N9=N9JD8+1 250 CALL UNPACK (IPRO,5,DD COST3(1)=6HMISSIC COST3(1)=6HMISSIC CALL DPAGER (COST3) IF (IFLAG,ED,1) GO TO	IF(CCST3(3))265,270,265
6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 とうしょうりょう 2 とうりょう 2 とくりょくりょく 2 とうりょう 2 とうりょう 2 とうりょう 2 とうりょう 2 といって 2 といって 2 といっと 2 という 2	מא כ

COST3(1) =	= 6HTOTA = 6HCOST3 10) INDE = 1000ST4 = 1000ST4 = 6HPROG = 6HPROG = 6HPROG = 6HPROG = 6HPROG = 6HPROG = 6HPROG = 6HTOTA = 100ST4 10) INDE = 100ST4 10) INDE = 100ST6 = 100ST6 = 100ST6 = 100ST6 = 100ST6 = 100ST6		CSTRP165 CSTRP166 CSTRP167 CSTRP170 CSTRP171 CSTRP173 CSTRP175 CSTRP175 CSTRP175 CSTRP175 CSTRP175 CSTRP179 CSTRP179 CSTRP179 CSTRP181
COST3(2) INDEX(3) INDEX(3) INDEX(3) INDEX(3) COST4(1) COST4(1) COST4(1) COST4(1) COST4(1) COST4(1) IF (IPLO COST4(1) INDEX(3) INDEX(3) INDEX(3) INDEX(3) INDEX(1) COST4(1) INDEX(1) COST4(1) INDEX(3) INDEX(1) COST4(1) INDEX(3) IND) = 6HCOST) = 1COST3(1) + ICCST3(2) + IBLNK 10) INDEX(2), INDEX(3), (COST3(J), J=4,3. E I = 3,33) = COST4(I) + COST3(I)) = 0.) = 6HPROGRA) = 6HM AGER (COST4) AGER (COST4) AGER (COST4) AGER (COST4) D = 6HTOTAL) = 6HTOTAL) = 6HTOTAL) = 6HTOTAL) = 6HCOST) = 1COST4(I) + ICCST4(2) + IBLNK 10) INDEX(1), INDEX(3), (COST4(J), J=4,3 E I = 3,33) = COST6(I) + COST4(I)) = 0. PACK (IMIS, 6, DOB(NB), 6)		STRP16 STRP16 STRP16 STRP17 STRP17 STRP17 STRP17 STRP18 STRP18 STRP18 STRP18
INDEX(3) WRITE (1 CONTINUE COST4(1) COST4(1) COST4(1) COST4(1) COST4(1) COST4(1) COST4(1) COST4(1) COST4(1) IF (CST4 NRITE (1 NRITE (1) COST5(1)) = ICOST3(1) + ICCST3(2) + IBLNK 10) INDEX(2), INDEX(3), (COST3(J), J=4,3 E I = 3,33) = COST4(I) + COST3(I)) = 6.) = 6 HPROGRA) = 6 HPROGRA) = 6 HPROGRA) = 6 HPROGRA) = 6 HPROGRA OT • E0. 0) GO TO 290 4(3))285,290,285 E OT • E0. 0) GO TO 290 > = 6 HTOTAL) = 6 HTOTAL) = 6 HTOTAL) = 6 HTOTAL) = 1 COST4(1) + ICCST4(2) + IBLNK 10) INDEX(1), INDEX(3), (COST4(J), J=4,3 E I = 3,33) = COST6(I) + COST4(I) PACK (IMIS, 6, DOB(NB), 6)		STRP16 STRP16 STRP17 STRP17 STRP17 STRP17 STRP17 STRP18 STRP18 STRP18
#RITE (1 00 280 I 00 280 I 00 281 I 00 281 I 00 281 I 00 281 I 00 281 I 00 281 I 15 (19 L A 16 (19 L A 17 (19 L A 18 (19 L A 19 CONTINUE 00 COST4(1) 10 CALL UNP 10 CALL UNP 10 CALL UNP 10 CALL UNP 11 (1MIS 00 COST3(1) 00 COST4(1) 11 (1MIS 00 COST4(1) 11 (1MIS 00 COST3(1) 00 COST3(1)	10) INDEX(2), INDEX(3), (COST3(J), J=4,3 E = 3,33)=COST4(I)+COST3(I))=0.)=6HPROGRA)=6HPROGRA)=6HM AGER (COST4) AGER (COST4) AGER (COST4) AGER (COST4) = 6HTOTAL)=6HTOTAL		STRP16 STRP16 STRP17 STRP17 STRP17 STRP17 STRP17 STRP18 STRP18 STRP18 STRP18
70 CONTINUE 80 COST4(I) COST4(I) COST4(I) COST4(I) COST4(I) COST4(I) IF (JFLA IF (COST4(I) COST4(I) INDEX(I) INDEX(I) COST4(I) INDEX(I) INDEX(I) COST4(I) INDEX(I) INDEX(I) COST4(I) INDEX(I) COST4(I) IPM=64*I IPM=60ST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) COST3(I) IPM=60ST3(I) COST3(I) COST3(I) IPM=60ST3(I) COST3(I) COST3(I) IPM=60ST3(I) COST3(I) COST3(I) IPM=60ST3(I) COST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I) IPM=60ST3(I) IPM=60ST3(I) COST3(I) IPM=60ST3(I)	E = 3,33 1=3,33 1=0ST4(I)+COST3(I) 1=0. 1=6HPROGRA 1=6HM AGER (COST4) AG:Eq.1) GO TO 290 4(3))285,290,285 E OT 60 TO 290 1=6HTOTAL 1=1COST4(I)+ICOST4(2)+IBLNK 10) INDEX(I),INDEX(3),(COST4(J),J=4,3) E I=3,33 1=3,33 1=0ST6(I)+COST4(I) PACK (IMIS,6,DD3(NB),6)		STRP16 STRP17 STRP17 STRP17 STRP17 STRP17 STRP18 STRP18 STRP18 STRP18 STRP18
00 280 I 00ST4(I) 00ST4(I) 00ST4(I) 00ST4(I) 00ST4(I) 00ST4(I) 1F (JFLA 1F (CCST4 1DDEX(I) 00ST4(I) 10 CALL UNP 10 CALL UNP 10 CALL UNP 10 CALL UNP 10 CALL UNP 11 COSTICIO 12 COSTINUE 15 CONTINUE 16 COSTINUE 17 (JFLA 18 CONTINUE 18 CONTINUE 19 COSTINUE 19 COSTINUE 19 COSTINUE 11 CONTINUE 11 CONTINUE	I=3,33)=COST4(I)+COST3(I))=0.)=6HPROGRA)=6HPROGRA AGER (COST4) AG.EQ.1) GO TO 290 4(3))285,290,285 E OT.EO.0) GO TO 290)=6HTOTAL		STRP17 STRP17 STRP17 STRP17 STRP117 STRP118 STRP118 STRP118
00574(I) 00574(I) 00574(I) 00574(I) 00574(I) 1F (JFLA 1F (JFLA 1F (CST4 1F (CST4 1D COST4(I) 1D COST4(I) 1D COST4(I) 1D COST4(I) 1D COST4(I) 1D COST4(I) 1D COST3(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I) 00573(I))=COST4(I)+COST3(I))=0.)=6HPROGRA)=6HM AGER (COST4) AG.Eq.1) GO TO 290 4(3))285,290,285 E OT.EQ.0) GO TO 290)=6HTOTAL)=6HTOTAL)=6HTOTAL)=1COST4(I)+ICOST4(2)+IBLNK 10) INDEX(1),INDEX(3),(COST4(J),J=4,3 E E D=COST6(I)+COST4(I))=0. PACK (IMIS,6,DD3(NB),6)		STRP17 STRP17 STRP17 STRP17 STRP117 STRP118 STRP118 STRP118
80 COST4(1) COST4(1) COST4(2) CALL DPA IF (JFLA) IF (CST4 IF (IPLO) COST4(1) COST4(1) INDEX(3)=0.)=6HPROGRA)=6HM AGER (COST4) AG.Eq.1) GO TO 290 4(3))285,290,285 E OT.EQ.0) GO TO 290)=6HTOTAL)=6HTOTAL)=6HTOTAL)=6HCOST)=6		STRP17 STRP17 STRP17 STRP17 STRP17 STRP18 STRP18 STRP18
COST4(1) COST4(2) CALL DPA IF (JFLA) IF (CST4 IF (IPLO) COST4(1) COST4(1) COST4(1) INDEX(3) MRITE (1) COST5(1) IDM=64*I IPM=64*I)=6HPROGRA)=6HM AGER (COST4) AG.EQ.1) GO TO 290 4(3))285,290,285 E OI.EQ.0) GO TO 290)=6HTOTAL)=6HTOTAL)=6HCOST 10) INDEX(1),INDEX(3),(COST4(3),J=4,3 E I=3,33)=COST6(I)+COST4(I))=0. PACK (IMIS,6,DD3(NB),6)		STRP17 STRP17 STRP17 STRP17 STRP17 STRP18 STRP18 STRP18
COST4(2) CALL DPA IF (JFLA) IF (CCST4 S CONTINUE IF (IPLO) COST4(1) COST4(1) INDEX(3) MRITE (1) OO 300 I COST5(I) IPM=64*I IPM (IMIS COST3(1)	<pre>>>=6HM AGER (COST4) AG.EG.1) GO TO 290 4(3))285,290,285 E OT.eG.0) GO TO 290 >=6HTOTAL >=6HTOTAL >=1COST4(1)+ICOST4(2)+IBLNK 10) INDEX(1),INDEX(3),(COST4(3),J=4,3) E I=3,33 >=COST6(I)+COST4(I) >=0. PACK (IMIS,6,DD3(NB),6)</pre>		STRP17 STRP17 STRP17 STRP17 STRP17 STRP18 STRP18 STRP18 STRP18
CALL DPA IF (JFLA IF (CCST4 SCONTINUE IF (IPLO COST4(1) COST4(2) INDEX(3) WRITE (1 90 CONTINUE COST5(I) IPM=64*I IPM=64*I IPM=64*I IF (JFLA IF (CCST3(1) COLL UPPA IF (CCST3(1) COST3(1)	AGER (COST4) AG.EQ.1) GO TO 290 4(3))285,290,285 E OT.EO.0) GO TO 290)=6HTOTAL)=6HTOTAL)=1COST4(1)+ICOST4(2)+IBLNK 10) INDEX(1),INDEX(3),(COST4(J),J=4,3 E I=3,33)=COST6(I)+COST4(I))=0. PACK (IMIS,6,DD3(NB),6)		STRP17 ERODIZ ERODIZ STRP17 STRP18 STRP18 STRP18 STRP18
1F (JFLA 1F (CCST4 1F (IPLO COST4(1) COST4(2) INDEX(3) WRITE (1 90 CONTINUE 00 COST4(I) 10 CALL UNP IPM=64*I IPM=64*I IPM=64*I IPM=64*I IF (JFLA IF (CCST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1) COST3(1)	AG.EQ.1) GO TO 290 4(3))285,290,285 E OI.EQ.0) GO TO 290)=6HTOTAL)=6HCOST 10) INDEX(1)+ICCST4(2)+IBLNK 10) INDEX(1),INDEX(3),(COST4(J),J=4,3 E I=3,33)=COST6(I)+COST4(I) PACK (IMIS,6,DD3(NB),6)		STRP17 ERODIZ STRP17 STRP17 STRP17 STRP18 STRP18 STRP18
1F(CCST4 85 CONTINUE 1F (IPL0 COST4(1) COST4(2) INDEX(3) WRITE (1 WRITE (1 00 COST5(1) COST5(1) COST4(1) 10 CALL UNP IF (IMIS COST3(1)	4(3))285,290,285 E OT.ED.0) GO TO 290)=6HTOTAL)=6HCOST (1) = ICOST4(1) + ICCST4(2) + IBLNK 10) INDEX(1), INDEX(3), (COST4(3), J=4,3 E E I=3,33)=COST6(I)+COST4(I))=0, PACK (IMIS,6,003(NB),6)		ERODIZ STRP17 STRP17 STRP18 STRP18 STRP18 STRP18
00 CONTINUE 1F (1PL0 COST4(1) COST4(2) INDEX(3) WRITE (1 UD CONTINUE 00 300 I COST4(I) 10 CALL UNP IF (1MIS COST3(1) COST3(1) COST3(1) COST3(1) IF (COST3 IF (1PL0 CONTINUE	E 01.60.0) GO TO 290)=6HTOTAL)=6HCOST 10) INDEX(1),INDEX(3),(COST4(3),J=4,3) E I=3,33)=COST6(I)+COST4(I))=0. PACK (IMIS,6,DD3(NB),6)		STRP117 STRP117 STRP118 STRP118 STRP118 STRP118
IF (IPLO COST4(1) COST4(1) INDEX(3) WRITE (1 WRITE (1 CONTINUE DO 300 I COST4(I) IP (IMIS COST3(1) COST3(1) COST3(1) COST3(1) IF (COST3 IF (COST3 IF (COST3 IF (COST3	OT.ED.0) GO TO 290)=6HTOTAL)=6HCOST (1)+ICCST4(2)+IBLNK 10) INDEX(1),INDEX(3),(COST4(3),J=4,3 E I=3,33)=COST6(I)+COST4(I))=0. PACK (IMIS,6,DD3(NB),6)		STRP17 STRP18 STRP18 STRP18 STRP18 STRP18
COST4(1) COST4(2) INDEX(3) WRITE (1 WRITE (1) CONTINUE DO 300 I COST4(I) IPM=64*II IPM=64*II COST3(1)) = 6HTOTAL) = 6HCOST) = ICOST4(1) + ICOST4(2) + IBLNK 10) INDEX(1), INDEX(3), (COST4(3), J=4,3 E I=3,33) = COST6(I) + COST4(I)) = 0, PACK (IMIS, 6, DD3(NB), 6)		STRP17 STRP18 STRP18 STRP18 STRP18
COST4(2) INDEX(3) WRITE (1 WRITE (1 OCONTINUE COST5(I) OCOST4(I) IPM=64*II IF (IMIS COST3(1) COST3(1) IF (JFLA IF (COST3 IF (IPLO COST3(1)))=6HCOST)=ICOST4(1)+ICOST4(2)+IBLNK 10) INDEX(1),INDEX(3),(COST4(J),J=4,3 E I=3,33)=COST6(I)+COST4(I))=0. PACK (IMIS,6,DD3(NB),6)		STRP18 STRP18 STRP18 STRP18
INDEX(3) WRITE (1) WRITE (1) WRITE (1) CONTINUE COSTS(I) OCALL UNP IPM=64*II IPM=64*II COST3(1) COST3(1) COST3(2) COST3(2) COST3(2) COST3(1) IF (JFLA) IF (COST3 IF (IPLO) COST3(1))=ICOST4(1)+ICOST4(2)+IBLNK 10) INDEX(1),INDEX(3),(COST4(J),J=4,3 E I=3,33)=COST6(I)+COST4(I))=0. PACK (IMIS,6,DD3(NB),6)	· .	STRP18 STRP18 STRP18
WRITE (1 90 CONTINUE 00 300 I 00 COST4(I) 10 CALL UNP IPM=64*I IF (IMIS COST3(1) CALL OPA CALL OPA IF (JFLA IF (CST3 IF (IPLO COST3(1)	10) INDEX(1), INDEX(3), (COST4(J), J=4, 3 E I=3, 33)=COST6(I)+COST4(I))=0, PACK (IMIS, 6, DD3(NB), 6)		STRP18 STRP18
90 CONTINUE 00 300 I COST4(I) 10 CALL UNP IPM=64*II IF (IMIS COST3(I) COST3(I) IF (OFLA IF (COST3 IF (IPLO COST3(I)	E I=3,33)=COST6(I)+COST4)=0. PACK (IMIS,6,003		STRP18
00 300 I COST6(I) 10 CALL UNP IPM=64*I IF (IMIS GOST3(I) CALL DPA IF (JFLA IF (COST3 IF (COST3 I	I=3,33)=COST6(I)+COST4)=0. PACK (IMIS,6,003		C T P P 1 B
COST6(I) COST4(I) CALL UNP IPM=64*I IF (IMIS COST3(I) CALL UPP COST3(I) CALL UPP IF (JFLA IF (COST3 IF (IPLO COST3(I))=COST6(I)+COST4)=0; PACK (IMIS,6,003		4 ()
00 COST4(I) 10 CALL UNP IPM=64*I IF (IMIS COST3(1) COST3(2) CALL UPA IF (JFLA IF (CCST3 IF (COST3(1) COST3(1))=0. PACK (IMIS,6,003		STRP18
10 CALL UNP IPM=64*I IF (IMIS GOST3(1) GOST3(2) CALL UPA IF (JFLA IF (CCST3 IF (CCST3 IF (CCST3 IF (CCST3	PACK (IMIS, 6,008		STRP 18
IPM=64*I IF (IMIS GOST3(1) GOST3(2) CALL DPA IF (JFLA IF (CCST3 IF (CCST3 IF (CCST3 IF (CCST3			STRP18
IF (IMIS GOST3(1) GOST3(2) CALL DPA IF (JFLA IF CCST3 15 CONTINUE IF (IPLO COST3(1)	IPRO+IMI		STRP18
COST3(1) COST3(2) CALL DPA IF (JFLA IF (CCST3 IF (CONTINUE IF (IPLO	S.E		STRP18
COST3(2) CALL DPA IF (JFLA IF(CCST3 15 CONTINUE IF (IPLO)=6HMISSI		STRP19
CALL OPA IF (JFLA IF(CCST3 15 CONTINUE IF (IPLO) = 6HN		STRP19
IF (JFLA IF(CCST3 15 CONTINUE IF (IPLO COST3(1)	AGER (COST		STRP19
15 CONTINUE IF (IPLO COST3(1)	AG.EQ.1		STRP19
15 CONTINUE IF (IPLO COST3(1)	3(3))315,320,31		ERODI
F (IPL)	W		E FODIS
0573(1)	OT.EQ.		STRP1
)=6HT0		STRP19
0513(2)	$\overline{}$		STRP1
NDEX(3))=ICOST4(1)+ICOST4(2)+IBLN		STRP1
WRITE (1	10) IND		STR
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STRP20 STRP20 STRP20 STRP20 STRP20 STRP20 STRP20 STRP20	STRP21 STRP21 STRP21 STRP21 STRP21 STRP22 STRP22 STRP22 STRP22 STRP22 STRP22	CSTRP224 CSTRP225 CSTRP226 CSTRP227 CSTRP229 CSTRP231 CSTRP233 CSTRP233 CSTRP233 CSTRP235 CSTRP235 CSTRP235 CSTRP235
00 330 I=3,33 COST4(I)=COST4(I)+CCST3(I) COST3(I)=0. CALL UNPACK (IVEH,6,0DB(NB), IF (JFLAG.EQ.1) GO TO 400 GO TO (400,370,350), IFLG DO 360 I=1,NR WRITE (I,780) (PNAME(J,IPRO) IF (IFLAG(6).EQ.2) GO TO 390 DO 390 I=1,NR WRITE (I,790) (MNAME(J,IPRO)	MALIE (1,790) (FNAME(3) IFIS), J=1, CONTINUE INDEX(1) = IPNAME(1, IPRO) + IPNAME(2, INCEX(2) = IMNAME(1, IMIS) + IMNAME(2, CALL VEHLOF (VOATA,NB,NL, IPRO,IMI IF (LX.EQ.1) GO TO (420,440,440), IF (IVEH.EQ.0) GO TO 580 CALL UNPACK (NV,18,TBVEH(3,IVEH), CALL UNPACK (NV,18,TBVEH(3,IVEH), CALL DPAGER (COST1) OO 410 I=3,33 COST3(I) = COST3(I)+COST1(I)	L+NWDDB NB.LI.(NLDDE+NWDDB MDDB.EQ.0) GO TO 5 MDREL2 BDDB+1 INUE O (340,310,260), I JF.GI.NIFA) GO TO FACNUM (LINE,JF) -JF-1 UNPACK (NPM,12,IF NPM.NE.IPM.AND.JF. UNPACK (N,12,IFA (UNPACK (N,12,IFA (UNPACK (N,12,IFA (UNPACK (N,12,IFA (UNPACK (N,12,IFA (UNPACK (N,12,IFA (
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CSTRP276
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           SSTRP242
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CSTRF241
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                                                                                                                                                                                                                                                                                                                                                                                                                                            10 560
                                                                                                                                                                                                                                                                                                                                                                                                                                            IF ((IFLAG(6), EC.2), OR, (JFLAG, EQ.1), OR, (IPRNT, EC.1)) GC
                                                                                                                                                                                                                                                                                                                                                                                                         CALL SPOAF (LINE, DOB(M+6), DCB(L2), COST2, 0)
                                                                                                                                                                                              CALL SPDAP (LINE, DDB(M+3), DCB(L1), COST1, 1)
                                                                                                                                                                                                                                  0
                                                                                                                                                                                                                                  IF ((IFLAG(6), EQ.2), OR. (JFLAG, EQ.1))
                                                                                                                                                                                  IF (ABS(00B(L1)).GT.20;) GO TO 450
                                                                                                                                                           IF (IFAC(LL+2).NE.NPM) GC TC 530
                                     PRINT 730, 008(ICE-5),008(ICE-4)
                                                                                                                                                                                                                                                                                                                                                                                            IF (A3S(DDB(L2)),GT.20,) GO TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LINE(1), LINE(2)
                                                                                                                                                                                                                                                                      WRITE (1,750) LINE(1), LINE(2)
                                                                                                            IF (N.EQ.IFAC(LL)) GO TO 480
                                                                                                                                                                                                                                                                                                                                                          COST3(I) = COST3(I) + COST1(I)
                                                                                                                                                                                                          IF (COST1(3)) 490,530,490
                                                                                                                                                                                                                                                                                                                                                                                                                   IF (COST2(3)) 540,450,540
             IF (JFLAG.NE.1) GO TO 450
  460
                                                                         MINBEACH (IFAT-1) *NNFAC
 G0 T0
                                                                                                                                                                                                                                                                                                                                 CALL DPAGER (COST1)
                                                                                                 DO 470 LL=1,NIF3,3
                                                                                                                                                                                                                                                                                                          COST1(1) = 6H DEV.
  (IFAT, GE.1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WRITE (I,750)
                                                                                                                                                                                                                                                                                                                                              DO 520 I=3,33
                                                                                                                                                                                                                                                                                                                                                                                                                                                         00 550 I=1,NR
                                                                                                                                                                                                                                                           00 500 I=1,NR
                                                                                                                                                                                                                                                                                                                      COST1(2)=6H
                         JERR=JERR+1
                                                                                                                                                                       (1=008(M+4)
                                                                                                                                                                                                                                                                                                                                                                                 L 2=008(M+7)
                                                GO TO 450
                                                                                                                                    GO TO 530
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M		F (JFLAG.ED.0.AND	STRP32
1444	c	JFLAG.EG.0) RETUR	CSTRP321
	C	THE STATE OF THE S	317737 010010
		ORBING FAGE SIZE AND NOBER OF FAGES NEEDED TO FRIM OUS ALL YFARS IN THAT SIZE.	STRP32
			STRP32
4		a M	STRP32
t t		FWID	STRP32
5		アドニ	STRP32
45		0 650 I=4,3	STRP32
45		<u>ب</u>	STRP33
45	650	ONTINUE	STRP33
1453		I=	STRP33
45		0 10 6	STRP33
45		PNO	STRP33
45	670	™	STRP33
4 6		0 690 I=1	STRP33
46		F (COST6(N)	STRP33
46	580	ONTINUE	S1RP33
46		I X	STRP33
46		GO TC 700	STRP34
46	069	I N I	STRP34
7 4	0	TW-NUN-NEW	STRP34
147		F (KFLAG.EQ.1)	STRP34
5 0		R= (NTW+NWPL-1)/	STRP34
50	. •	WPL = (NTW+NR-1)	EC2310
5 0		WPL = NT W - NWPL * (N	STRP34
51		FLAG	STRP34
51		0 71	STRP34
51		EWIND	STRP34
5 1	710	NILNO	STRP34
52		0 70 1	STRP35
	ပ		STRP35
	U		STRP35
	U		STRP35
	720	ORMAT (46H1***ERROR IN CSTRPT*** IFAC TABLE IS TCC LARGE)	STRP35
	(*)	FORMAT (29H0******* THE CARGO ELEMENT* , A6, A4, 41H -IS NCT IN TH	STRP35
	74.0	++++++++) 11HCOST REPORT/1HD.22HVEHIGLE TCTAL.15I	STRP35
	1		CSTRP35
)

CSTRP359 TOCSTRP360 CSTRF361	CSTRP362 CSTRP363 CSTRP364 CSTRP365
PAYLOADS	TOTAL, 1517/)
X,A6,A4) OX,11HCOST REPORT/9H DISCRETE/23H	0x,114COST REPORT/23H0 OFERATIONS (A6) ,3A6)
FORMAT (1H0,5X,A6,A4) FORMAT (1H1,30X,11HCOST	RMAT (1H1,3 RMAT (1H0,3 RMAT (4H0
750 760	770 780 790

SUBROUTINE SPOAP (IN, COST, SPREAD, OUT, IFLG)	PJAP
	PDAP
WORDS OF NAME	PDAP
LIST OF COUNT OF ELEMENTS BY YEAR	PUAP PUAP
	PDAP
COST IS THE COST IN MILLIONS	PDAP
	POAP
O. OF YEARS I	POAP 1
NO. OF IOC YEAR AND SPREAD FACTORS	SPOAP 11 SPOAP 12
	PDAP 1
UT ARRAY SAME AS I	PDAP 1
=1DEVELOPMENT	PDAP 1
FLS=1OPERATIO	PDAP 1
OMMON /CONT/ NCONT, NCTMAX, TBGONT(8, 20)	ABEL 1
OMMON /LEGS/ NLGG,NLGMAX,TBLEG(12,63),LASTLG	LABEL1
OAMON /VEHS/ NVEH, NW/EH, NBVEH, NLVEH, NVHMAX,	ABEL 1
(23),40VEH,VEH(30)	ABEL 1
OMMON /SPDS/ NSPU,NBSPU,NLSPU,T	ABEL 1
OMMON /FACS/ NFAC, NWFAC, NBFAC, NLFA	ABEL 1
OMMON LORGS/ NCE, NWCE, NBCE, NLC	ABEL 1
OMMON /LCLF/ LCE,LFA	ABEL 1
OMMON /PROG/ PNAME(3,63),NPROG,MNAME(3	BEL 11
OMMON /MISS/ LNGTH, NWMISS, NBMISS, NLMISS	ABEL 11
OMMON /DDBS/ NDDB,NWDDB,NBDD3,NLDDB,MD	ABEL 11
OMMON /IVA/ MIVA, NIVA, IVA(250	BEL11
OMMON /IFA/ MIFA,NIFA,IFA(600)	ABEL11
OMMON /FIBL/ MIBL, NIBL, NIBL	ABEL11
OMMON /KEL/ KE	ABEL 11
OMMON /MAXS/ MAXA, MAXC, MAXF, MAXI	ABEL 11
OMMON /YEAR/ FYGAR, LYEAR, NYRS, NYRS1, NYRS3, NTYRS(30), RLDATE, IRE	48EL 11
OMMON /MISC/ IFLAS(20), LOWCOR, JERR, CARD(16), LINE(33), IPROP, JPR	ABEL 11
ITBONT, PROPUP, NVMAX, NEWLEG, VEH1, VEH2, MAXVEH, NR, NFW, NLW, NWPL, MWF	4BEL 12
LAG, NAFAC, NOSF, NOSC, ICNT, LZWOT, I77, J77, KOPT (10), MAXCGN, IPL	SLABEL 12
PR, L140T, L18UG, LIML	ED230
	ABEL 12
INTEGER FYEAR	BEL 12
	BEL 12
COM 10 W JOB (1)	BEL 12

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         LABEL128
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                                  LABEL130
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                                             LAUIVALENGE (CFFLOD, KCPI(1)), (3ASE, KOPI(2)), (SINDEP, KOPI(3)),
                                                         1AL VF H, KOPT (4)), (CONTRE, KOPT (5)), (ICAP, KOPT (6))
                                  EPUIVALINGE (CDa(1), Da(1), 1008(1), ID8(1))
                                                                                             UIME (SÍUM IM(9), SPREAU(3), OUT(33)
         DIME (SID) # 13(1), IDB3(1), IDB(1)
                                                                                                                                                                                                                                                                                                                                                                                                                       CDI(1) = JUI(M) +COUNI*SPREAD(J+S)
                                                                                                                                                                                  IF (SPRINC(1)) 30,140,30
                                                                                                                                                                                                                                                                                                                                                                                                                                   IF (IFLS.EQ.1) 60 TO 110
                                                                                                                                                                                                                                                                                   1F (L.SE.1YRICC) GO TO
                                                                                                                                                                                                                                                                                                                                                                                   1F (IFL6.EQ.1) COUNT=1.
                                                                                                                                                                                                                                                                                               PRINT 150, IN(1), IN(2)
                                                                                                                                                                      IF (IB(3)) 20,130,20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (I) 100+(3) +(1)(I)
                                                                                                                                                                                                                                                                                                                                               IF (IN(K)) 70,90,70
                                                                                                                                                                                                                                                           18 (IN(I)) 50,40,50
                                                                                                                                                                                                                                                                                                                                                                                                           N = FY (1 4 0 1 1 0 C + J + K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CUI(I)=(I)+CO31
                                                                                                                                                                                                                     IYR10C=SPR_A0(2)
                                                                                                                                                                                                                                                                                                                                                                                               DO 88 U=1, IYRSP
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                                                                                                                      OUT(1)=[4(1)
                                                                                                                                  OUT(2)=IM(2)
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SPUAP
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                                                                   FORMAT (IHO, 35H**SPREADIN) ERROR IN DEV + FROD OF , A5, A4,17H OCCURSPOAP 15100 EARLY.)
                         001(L+I)=IN(I
                                 60 70 110
                         150
                 140
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	SUBSOUTING	CHINE)	PASER
	! ! !	•	PAGER
	COMMON ALIS	SC/ IFLAG(83), NR, NFW, NLW, NWPL, MWPL, JFLAG	PAGER
			PAGER
-	WRITES 1/	INE ON TAPE	PASER
	G . 1/2	ON TAP	PAGER
			PAGER
	SI ENINE IS	COPY TAPE1 IS COPIED TO TAPE6	PAGER
			DPAGER10
	OINDENSION -	LIME(33)	PAGER1
			PAGER1
	F.AG.E	0.1	PASER1
rv ·	IF (LIVE(3)	• EQ • 0)	PAGER1
	ပ		PAGER1
7	IF (LINE(1)	C.1. 6HCOPY) GO TO 30	PAGER1
_			PASER1
	F (IF: AG().NE.2) GO TO 1	PAGER1
13	IF (LINE(1)	.EQ. 6HTOTAL) GO TO 1	PAGER1
	F (LINE(1	• EQ. 6HGRAND) G	PAGER2
	F (LINE(1	.EQ. 6HPROSRA) SO TO 1	PAGER2
	ETUR		PAGER2
0	CONTI		PAGER2
-			PAGER2
	U		PASER2
	(3		PAGERZ
	HN1		PAGER2
	0 20 J=	A.P.	PAGER2
	HM + NM PL		PASER2
	F (J.EQ.N	"N (PAGER3
36	WRITE (J,70	<pre>D) (LINE(I),I=1,3),(LINE(I),I=M,N)</pre>	PAGER3
ß	0 M=N+1		PAGER3
	U		PASER3
-	(3		PAGER3
25	RETURN		PAGER3
			PAGER3
-	ပ		PASER3
2	O CONTINJ		PAGER3
55	MM#44)+9#MW	L+3	PAGER3
	N+10+018	7 + 3) / 4	PAGE R4
	0 63 J = 1	公フ	PAGER4

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) 보				-	•			UPASER43
FILE U		•						DPAGER44
ON								OPAGER45
70 5	٠.				٠			OPAGER46
AT 80. (LINE(I),I=1								OPASER47
0 (1,80) (LINE(I),I					-			OPAGER48
(LICE(I) NE THOOPY)	0 7	-						OPAGER49
O CAL					•			DPAGER50
,								DPASEP51
			•			٠		DPAGER52
となっては、								OPAGER53
			, .					DPAGER54
								DPAGER55
							•	DPAGER56
DEMAT (5X.	,3X)	. •	٠.					
1AT (33A4)							٠.	DPAGER58
ND			·		4.			DPAGER59

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